



# Parts Lists



**Aqua-Traxx Azul  
Drip Tape**



**Sweet Spot  
Aqua-Traxx Drip Tape**



**Flex Connect  
Layflat Connection System**



**YAMIT Filtration**



**Toro Fittings**



# Toro Ag



# Toro Ag Parts Lists



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# Toro Ag Highlights for 2021

## Aqua-Traxx®Azul™ Drip Tape

6~12



- Enhanced clog resistance with 120 mesh filtration requirement
- Greater filtration area with patent-pending Multi-Stage filters
- Optimized flow passages further resist clogging
- The same superior quality and processes as the original Aqua-Traxx

## Sweet Spot Drip Tape

9

### 6/8" ID Aqua-Traxx



- Longer runs and better uniformity than 5/8" drip tape
- Less expensive than 7/8" (fewer pounds of plastic and less runoff)
- Available in Aqua-Traxx or Aqua-Traxx Azul
- 6/8" fittings only available from Toro

## Toro Fittings

15,41



- Superior quality and performance
- Easy to install and tight seal
- 6/8" fittings support Sweet Spot applications
- Flex Connect Layflat Fittings - the easiest layflat fitting to install, remove, and reuse

## Yamit Filtration




75~80

### Advanced Filter Solutions



- Wide range of reliable, quality filters, including automatic, semi-automatic and manual
- Sand media filters, pre-pump strainers, hydrocyclone separators
- Many available in carbon steel or stainless steel options

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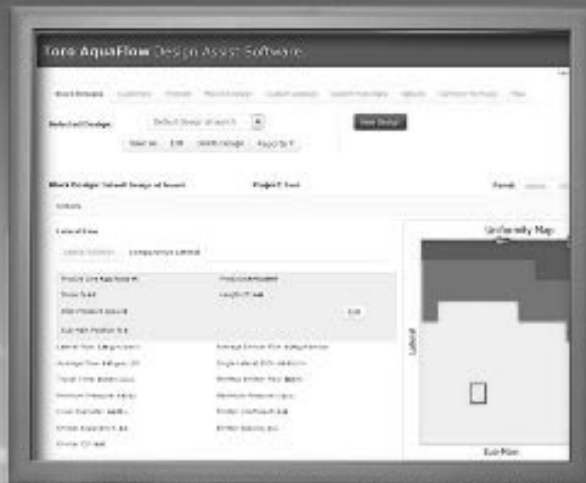
**TORO.** Count on it.

# AquaFlow

## Drip Irrigation Design Software

**Save time. Improve designs. Make better decisions.**

- Create designs online or download
- Dashboard automatically formats to screen or font size
- Compare different designs
- Color-coded uniformity display
- Unlimited slopes
- Multiple pipe types and sizes
- English or Spanish languages
- Single or multiple block reports
- Flushing for both laterals and submains
- Standard English or Metric units



**With AquaFlow,  
YOU are in control.**

Toro's FREE state-of-the-art drip irrigation design software is available at [toro.com](http://toro.com) or [driptips.toro.com](http://driptips.toro.com)

**Click Here to create designs online or download AquaFlow**



**Tape**

# I COUNT ON **FLOWCONTROL**<sup>®</sup> AND SO DO MY CROPS.



**FLOWCONTROL**<sup>®</sup> is the only flow-regulating drip tape available, so you get more control and uniformity on any terrain. No matter the application or field challenges, from the most extreme to the most straightforward, FlowControl can improve your uniformity and profitability. Learn more at [toro.com/flowcontrol](http://toro.com/flowcontrol)

**TORO**<sup>®</sup>





# Drip Tape

FLOWCONTROL®



## FlowControl (Category I)

Drip Tape

STOCKED ITEMS. PRODUCT GENERALLY AVAILABLE IN STOCK

Flow rate expressed in gpm per 100 feet (Q-100) @ 10 psi (0,7 Bar).

Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing	Available Flow Rates		Reel	
	mil	mm	Ft.	M	Lbs.	Kilos		gpm Q-100 feet	liters / hour-meter	Dia.	Height
<b>5/8" Diameter (16mm)</b>											
EAFCS060850-1000	6 mil	0.15	10,000	3,048	64	29	8" 20	0.50	3.74	20"	11"
EAFCS060867-1000	6 mil	0.15	10,000	3,048	64	29	8" 20	0.67	4.99	20"	11"
EAFCS061222-1000	6 mil	0.15	10,000	3,048	64	29	12" 30	0.22	1.66	20"	11"
EAFCS061234-1000	6 mil	0.15	10,000	3,048	64	29	12" 30	0.34	2.50	20"	11"
EAFCS061245-1000	6 mil	0.15	10,000	3,048	64	29	12" 30	0.45	3.33	20"	11"
EAFCS080850-750	8 mil	0.20	7,500	2,286	66	30	8" 20	0.50	3.74	20"	11"
EAFCS080867-750	8 mil	0.20	7,500	2,286	66	30	8" 20	0.67	4.99	20"	11"
EAFCS081222-750	8 mil	0.20	7,500	2,286	66	30	12" 30	0.22	1.66	20"	11"
EAFCS081234-750	8 mil	0.20	7,500	2,286	66	30	12" 30	0.34	2.50	20"	11"
EAFCS081245-750	8 mil	0.20	7,500	2,286	66	30	12" 30	0.45	3.33	20"	11"
EAFCS100867-600	10 mil	0.25	6,000	1,829	63	29	8" 20	0.67	4.99	20"	11"
<b>7/8" Diameter (22mm)</b>											
EAFCS080850-600	8 mil	0.20	6,000	1,829	72	33	8" 20	0.50	3.74	20"	11"
EAFCS080867-600	8 mil	0.20	6,000	1,829	72	33	8" 20	0.67	4.99	20"	11"
EAFCS081222-600	8 mil	0.20	6,000	1,829	72	33	12" 30	0.22	1.66	20"	11"
EAFCS081234-600	8 mil	0.20	6,000	1,829	72	33	12" 30	0.34	2.50	20"	11"
EAFCS081245-600	8 mil	0.20	6,000	1,829	72	33	12" 30	0.45	3.33	20"	11"
EAFCS100850-440	10 mil	0.25	4,400	1,341	71	32	8" 20	0.50	3.74	20"	11"
EAFCS100867-440	10 mil	0.25	4,400	1,341	71	32	8" 20	0.67	4.99	20"	11"
EAFCS101222-440	10 mil	0.25	4,400	1,341	71	32	12" 30	0.22	1.66	20"	11"
EAFCS101234-440	10 mil	0.25	4,400	1,341	71	32	12" 30	0.34	2.50	20"	11"
EAFCS101245-440	10 mil	0.25	4,400	1,341	71	32	12" 30	0.45	3.33	20"	11"

XXX or XX denotes the flow rate in gpm per 100 feet (Q-100) @ 10 psi. Substitute XXX or XX with the flow rates available for each spacing, indicated in the gpm Q-100 column. Example: EAFCS060867-1000 (Aqua-Traxx FC 5/8"; 6 mil; 8" spacing; 0.67 gpm Q-100; 10,000 Ft. Coil

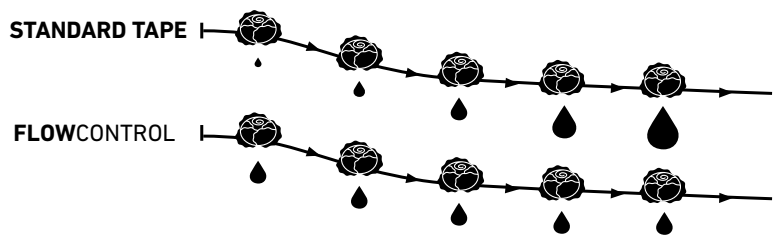
## The Advantages of Flow Control

### FLOWCONTROL™

Toro FlowControl gives you uniform output regardless of elevation changes. So now you can adjust the amount of water you give your plants on hilly terrain, and they'll all receive the same amount through our uniform delivery system.

**RESULT:** More uniform plants and higher yields even in hilly terrain that might otherwise be impractical to farm.

### Advantage #1 MORE UNIFORM OUTPUT FOR ANY TERRAIN

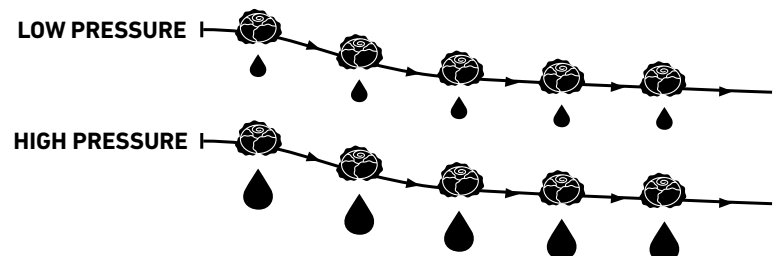


### FLOWCONTROL™

Toro FlowControl puts you in control of watering decisions. You control how much water your plants receive by increasing or decreasing the operating pressure — without sacrificing uniformity.

**RESULT:** More uniform delivery of water and fertilizer to the roots of your plants with the flexibility to control application rates.

### Advantage #2 THE ABILITY TO CONTROL THE FLOW



# Drip Tape

**FLOWCONTROL®**

## FlowControl (Category I)

### Drip Tape

◇ **MADE TO ORDER.** 4 Pallets (or 64 Rolls) minimum order value will apply. Toro Ag Customer Service will confirm by e-mail that the order has been accepted and the estimated date of delivery.  
Flow rate expressed in gpm per 100 feet (Q-100) @ 10 psi (0.7 Bar).



Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing		Available Flow Rates		Reel	
	mil	mm	Ft.	M	Lbs.	Kilos	in	cm	gpm Q-100 feet	liters / hour-meter	Dia.	Height
<b>5/8" Diameter (16mm)</b>												
◇ EAFC5060667-1000	6 mil	0.15	10,000	3,048	64	29	6"	15	0.67	4.99	20"	11"
◇ EAFC5060690-1000	6 mil	0.15	10,000	3,048	64	29	6"	15	0.90	6.66	20"	11"
◇ EAFC5061625-1000	6 mil	0.15	10,000	3,048	64	29	16"	40	0.25	1.86	20"	11"
◇ EAFC5061634-1000	6 mil	0.15	10,000	3,048	64	29	16"	40	0.34	2.50	20"	11"
◇ EAFC5061822-1000	6 mil	0.15	10,000	3,048	64	29	18"	45	0.22	1.66	20"	11"
◇ EAFC5061830-1000	6 mil	0.15	10,000	3,048	64	29	18"	45	0.30	2.22	20"	11"
◇ EAFC5062411-1000	6 mil	0.15	10,000	3,048	64	29	24"	60	0.11	0.83	20"	11"
◇ EAFC5062417-1000	6 mil	0.15	10,000	3,048	64	29	24"	60	0.17	1.25	20"	11"
◇ EAFC5062422-1000	6 mil	0.15	10,000	3,048	64	29	24"	60	0.22	1.67	20"	11"
◇ EAFC5080667-750	8 mil	0.20	7,500	2,286	66	30	6"	15	0.67	4.99	20"	11"
◇ EAFC5080690-750	8 mil	0.20	7,500	2,286	66	30	6"	15	0.90	6.66	20"	11"
◇ EAFC5081625-750	8 mil	0.20	7,500	2,286	66	30	16"	40	0.25	1.86	20"	11"
◇ EAFC5081634-750	8 mil	0.20	7,500	2,286	66	30	16"	40	0.34	2.5	20"	11"
◇ EAFC5081822-750	8 mil	0.20	7,500	2,286	66	30	18"	45	0.22	1.66	20"	11"
◇ EAFC5081830-750	8 mil	0.20	7,500	2,286	66	30	18"	45	0.30	2.22	20"	11"
◇ EAFC5082411-750	8 mil	0.20	7,500	2,286	66	30	24"	60	0.11	0.83	20"	11"
◇ EAFC5082417-750	8 mil	0.20	7,500	2,286	66	30	24"	60	0.17	1.25	20"	11"
◇ EAFC5082422-750	8 mil	0.20	7,500	2,286	66	30	24"	60	0.22	1.67	20"	11"
◇ EAFC5100667-600	10 mil	0.25	6,000	1,829	63	29	6"	15	0.67	4.99	20"	11"
◇ EAFC5100690-600	10 mil	0.25	6,000	1,829	63	29	6"	15	0.90	6.66	20"	11"
◇ EAFC5100850-600	10 mil	0.25	6,000	1,829	63	29	8"	20	0.50	3.74	20"	11"
◇ EAFC5101222-600	10 mil	0.25	6,000	1,829	63	29	12"	30	0.22	1.66	20"	11"
◇ EAFC5101234-600	10 mil	0.25	6,000	1,829	63	29	12"	30	0.34	2.50	20"	11"
◇ EAFC5101245-600	10 mil	0.25	6,000	1,829	63	29	12"	30	0.45	3.33	20"	11"
◇ EAFC5101625-600	10 mil	0.25	6,000	1,829	63	29	16"	40	0.25	1.86	20"	11"
◇ EAFC5101634-600	10 mil	0.25	6,000	1,829	63	29	16"	40	0.34	2.50	20"	11"
◇ EAFC5101822-600	10 mil	0.25	6,000	1,829	63	29	18"	45	0.22	1.66	20"	11"
◇ EAFC5101830-600	10 mil	0.25	6,000	1,829	63	29	18"	45	0.30	2.22	20"	11"
◇ EAFC5102411-600	10 mil	0.25	6,000	1,829	63	29	24"	60	0.11	0.83	20"	11"
◇ EAFC5102417-600	10 mil	0.25	6,000	1,829	63	29	24"	60	0.17	1.25	20"	11"
◇ EAFC5102422-600	10 mil	0.25	6,000	1,829	63	29	24"	60	0.22	1.67	20"	11"
◇ EAFC5120667-510	12 mil	0.30	5,100	1,554	63	29	6"	15	0.67	4.99	20"	11"
◇ EAFC5120690-510	12 mil	0.30	5,100	1,554	63	29	6"	15	0.90	6.66	20"	11"
◇ EAFC5120850-510	12 mil	0.30	5,100	1,554	63	29	8"	20	0.50	3.74	20"	11"
◇ EAFC5120867-510	12 mil	0.30	5,100	1,554	63	29	8"	20	0.67	4.99	20"	11"
◇ EAFC5121222-510	12 mil	0.30	5,100	1,554	63	29	12"	30	0.22	1.66	20"	11"
◇ EAFC5121234-510	12 mil	0.30	5,100	1,554	63	29	12"	30	0.34	2.50	20"	11"
◇ EAFC5121245-510	12 mil	0.30	5,100	1,554	63	29	12"	30	0.45	3.33	20"	11"
◇ EAFC5121625-510	12 mil	0.30	5,100	1,554	63	29	16"	40	0.25	1.86	20"	11"
◇ EAFC5121634-510	12 mil	0.30	5,100	1,554	63	29	16"	40	0.34	2.50	20"	11"
◇ EAFC5121822-510	12 mil	0.30	5,100	1,554	63	29	18"	45	0.22	1.66	20"	11"
◇ EAFC5121830-510	12 mil	0.30	5,100	1,554	63	29	18"	45	0.30	2.22	20"	11"
◇ EAFC5122411-510	12 mil	0.30	5,100	1,554	63	29	24"	60	0.11	0.83	20"	11"
◇ EAFC5122417-510	12 mil	0.30	5,100	1,554	63	29	24"	60	0.17	1.25	20"	11"
◇ EAFC5122422-510	12 mil	0.30	5,100	1,554	63	29	24"	60	0.22	1.67	20"	11"
◇ EAFC5150667-400	15 mil	0.38	4,000	1,220	63	29	6"	15	0.67	4.99	20"	11"
◇ EAFC5150690-400	15 mil	0.38	4,000	1,220	63	29	6"	15	0.90	6.66	20"	11"
◇ EAFC5150850-400	15 mil	0.38	4,000	1,220	63	29	8"	20	0.50	3.74	20"	11"
◇ EAFC5150867-400	15 mil	0.38	4,000	1,220	63	29	8"	20	0.67	4.99	20"	11"
◇ EAFC5151222-400	15 mil	0.38	4,000	1,220	63	29	12"	30	0.22	1.66	20"	11"
◇ EAFC5151234-400	15 mil	0.38	4,000	1,220	63	29	12"	30	0.34	2.50	20"	11"
◇ EAFC5151245-400	15 mil	0.38	4,000	1,220	63	29	12"	30	0.45	3.33	20"	11"
◇ EAFC5151625-400	15 mil	0.38	4,000	1,220	63	29	16"	40	0.25	1.86	20"	11"
◇ EAFC5151634-400	15 mil	0.38	4,000	1,220	63	29	16"	40	0.34	2.50	20"	11"
◇ EAFC5151822-400	15 mil	0.38	4,000	1,220	63	29	18"	45	0.22	1.66	20"	11"
◇ EAFC5151830-400	15 mil	0.38	4,000	1,220	63	29	18"	45	0.30	2.22	20"	11"
◇ EAFC5152411-400	15 mil	0.38	4,000	1,220	63	29	24"	60	0.11	0.83	20"	11"
◇ EAFC5152417-400	15 mil	0.38	4,000	1,220	63	29	24"	60	0.17	1.25	20"	11"
◇ EAFC5152422-400	15 mil	0.38	4,000	1,220	63	29	24"	60	0.22	1.67	20"	11"

XXX or XX denotes the flow rate in gpm per 100 feet (Q-100) @ 10 psi. Substitute XXX or XX with the flow rates available for each spacing, indicated in the gpm Q-100 column. Example: EAFC5150867-400 (Aqua-TraXX FC 5/8"; 15 mil; 8" spacing; 0.67 gpm Q-100; 4,000 Ft. Coil



# Drip Tape

FLOWCONTROL®

## FlowControl (Category I)

### Drip Tape

◇ **MADE TO ORDER.** US\$ 7,500.00 minimum order value will apply. Toro Ag Customer Service will confirm by Fax that the order has been accepted and the estimated date of delivery.

*Flow rate expressed in gpm per 100 feet (Q-100) @ 10 psi (0.7 Bar).*



Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing		Available Flow Rates		Reel	
	mil	mm	Ft.	M	Lbs.	Kilos	in	cm	gpm Q-100 feet	liters / hour-meter	Dia.	Height
<b>7/8" Diameter (22mm)</b>												
◇ E AFC7080667-600	8 mil	0.20	6,000	1,829	72	33	6"	15	0.67	4.99	20"	11"
◇ E AFC7080690-600	8 mil	0.20	6,000	1,829	72	33	6"	15	0.90	6.66	20"	11"
◇ E AFC7081625-600	8 mil	0.20	6,000	1,829	72	33	16"	40	0.25	1.86	20"	11"
◇ E AFC7081634-600	8 mil	0.20	6,000	1,829	72	33	16"	40	0.34	2.5	20"	11"
◇ E AFC7081822-600	8 mil	0.20	6,000	1,829	72	33	18"	45	0.22	1.66	20"	11"
◇ E AFC7081830-600	8 mil	0.20	6,000	1,829	72	33	18"	45	0.30	2.22	20"	11"
◇ E AFC7082411-600	8 mil	0.20	6,000	1,829	72	33	24"	60	0.11	0.83	20"	11"
◇ E AFC7082417-600	8 mil	0.20	6,000	1,829	72	33	24"	60	0.17	1.25	20"	11"
◇ E AFC7082422-600	8 mil	0.20	6,000	1,829	72	33	24"	60	0.22	1.67	20"	11"
◇ E AFC7100667-440	10 mil	0.25	4,400	1,341	71	32	6"	15	0.67	4.99	20"	11"
◇ E AFC7100690-440	10 mil	0.25	4,400	1,341	71	32	6"	15	0.90	6.66	20"	11"
◇ E AFC7101625-440	10 mil	0.25	4,400	1,341	71	32	16"	40	0.25	1.86	20"	11"
◇ E AFC7101634-440	10 mil	0.25	4,400	1,341	71	32	16"	40	0.34	2.5	20"	11"
◇ E AFC7101822-440	10 mil	0.25	4,400	1,341	71	32	18"	45	0.22	1.66	20"	11"
◇ E AFC7101830-440	10 mil	0.25	4,400	1,341	71	32	18"	45	0.30	2.22	20"	11"
◇ E AFC7102411-440	10 mil	0.25	4,400	1,341	71	32	24"	60	0.11	0.83	20"	11"
◇ E AFC7102417-440	10 mil	0.25	4,400	1,341	71	32	24"	60	0.17	1.25	20"	11"
◇ E AFC7102422-440	10 mil	0.25	4,400	1,341	71	32	24"	60	0.22	1.67	20"	11"
◇ E AFC7120667-400	12 mil	0.30	4,000	1,220	72	33	6"	15	0.67	4.99	20"	11"
◇ E AFC7120690-400	12 mil	0.30	4,000	1,220	72	33	6"	15	0.90	6.66	20"	11"
◇ E AFC7120850-400	12 mil	0.30	4,000	1,220	72	33	8"	20	0.50	3.74	20"	11"
◇ E AFC7120867-400	12 mil	0.30	4,000	1,220	72	33	8"	20	0.67	4.99	20"	11"
◇ E AFC7121222-400	12 mil	0.30	4,000	1,220	72	33	12"	30	0.22	1.66	20"	11"
◇ E AFC7121234-400	12 mil	0.30	4,000	1,220	72	33	12"	30	0.34	2.50	20"	11"
◇ E AFC7121245-400	12 mil	0.30	4,000	1,220	72	33	12"	30	0.45	3.33	20"	11"
◇ E AFC7121625-400	12 mil	0.30	4,000	1,220	72	33	16"	40	0.25	1.86	20"	11"
◇ E AFC7121634-400	12 mil	0.30	4,000	1,220	72	33	16"	40	0.34	2.50	20"	11"
◇ E AFC7121822-400	12 mil	0.30	4,000	1,220	72	33	18"	45	0.22	1.66	20"	11"
◇ E AFC7121830-400	12 mil	0.30	4,000	1,220	72	33	18"	45	0.30	2.22	20"	11"
◇ E AFC7122411-400	12 mil	0.30	4,000	1,220	72	33	24"	60	0.11	0.83	20"	11"
◇ E AFC7122417-400	12 mil	0.30	4,000	1,220	72	33	24"	60	0.17	1.25	20"	11"
◇ E AFC7122422-400	12 mil	0.30	4,000	1,220	72	33	24"	60	0.22	1.67	20"	11"
◇ E AFC7150667-300	15 mil	0.38	3,000	914	66	30	6"	15	0.67	4.99	20"	11"
◇ E AFC7150690-300	15 mil	0.38	3,000	914	66	30	6"	15	0.90	6.66	20"	11"
◇ E AFC7150850-300	15 mil	0.38	3,000	914	66	30	8"	20	0.50	3.74	20"	11"
◇ E AFC7150867-300	15 mil	0.38	3,000	914	66	30	8"	20	0.67	4.99	20"	11"
◇ E AFC7151222-300	15 mil	0.38	3,000	914	66	30	12"	30	0.22	1.66	20"	11"
◇ E AFC7151234-300	15 mil	0.38	3,000	914	66	30	12"	30	0.34	2.50	20"	11"
◇ E AFC7151245-300	15 mil	0.38	3,000	914	66	30	12"	30	0.45	3.33	20"	11"
◇ E AFC7151625-300	15 mil	0.38	3,000	914	66	30	16"	40	0.25	1.86	20"	11"
◇ E AFC7151634-300	15 mil	0.38	3,000	914	66	30	16"	40	0.34	2.50	20"	11"
◇ E AFC7151822-300	15 mil	0.38	3,000	914	66	30	18"	45	0.22	1.66	20"	11"
◇ E AFC7151830-300	15 mil	0.38	3,000	914	66	30	18"	45	0.30	2.22	20"	11"
◇ E AFC7152411-300	15 mil	0.38	3,000	914	66	30	24"	60	0.11	0.83	20"	11"
◇ E AFC7152417-300	15 mil	0.38	3,000	914	66	30	24"	60	0.17	1.25	20"	11"
◇ E AFC7152422-300	15 mil	0.38	3,000	914	66	30	24"	60	0.22	1.67	20"	11"

XXX or XX denotes the flow rate in gpm per 100 feet (Q-100) @ 10 psi. Substitute XXX or XX with the flow rates available for each spacing, indicated in the gpm Q-100 column. Example: EAP5150867-400 (Aqua-Traxx PC 5/8"; 15 mil; 8" spacing; 0.67 gpm Q-100; 4,000 Ft. Coil)



More Control & Uniformity. Wherever you Farm.



# Drip Tape

FLOWCONTROL®

## FlowControl (Category I)

### Drip Tape

◇ **MADE TO ORDER.** US\$ 7,500.00 minimum order value will apply. Toro Ag Customer Service will confirm by Fax that the order has been accepted and the estimated date of delivery.

Flow rate expressed in gpm per 100 feet (Q-100) @ 10 psi (0.7 Bar).



Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing		Available Flow Rates		Reel	
	mil	mm	Ft.	M	Lbs.	Kilos	in	cm	gpm Q-100 feet	liters / hour-meter	Dia.	Height
<b>1-3/8" Diameter (35mm)</b>												
◇ EAF11150667-270	15 mil	0.38	2,700	823	87	39	6"	15	0.67	4.99	20"	13"
◇ EAF11150690-270	15 mil	0.38	2,700	823	87	39	6"	15	0.90	6.66	20"	13"
◇ EAF11150850-270	15 mil	0.38	2,700	823	87	39	8"	20	0.50	3.74	20"	13"
◇ EAF11150867-270	15 mil	0.38	2,700	823	87	39	8"	20	0.67	4.99	20"	13"
◇ EAF11151222-270	15 mil	0.38	2,700	823	87	39	12"	30	0.22	1.66	20"	11"
◇ EAF11151234-270	15 mil	0.38	2,700	823	87	39	12"	30	0.34	2.50	20"	13"
◇ EAF11151245-270	15 mil	0.38	2,700	823	87	39	12"	30	0.45	3.33	20"	13"
◇ EAF11151625-270	15 mil	0.38	2,700	823	87	39	16"	40	0.25	1.86	20"	13"
◇ EAF11151634-270	15 mil	0.38	2,700	823	87	39	16"	40	0.34	2.50	20"	13"
◇ EAF11151822-270	15 mil	0.38	2,700	823	87	39	18"	45	0.22	1.66	20"	13"
◇ EAF11151830-270	15 mil	0.38	2,700	823	87	39	18"	45	0.30	2.22	20"	13"
◇ EAF11152411-270	15 mil	0.38	2,700	823	87	39	24"	60	0.11	0.83	20"	11"
◇ EAF11152417-270	15 mil	0.38	2,700	823	87	39	24"	60	0.17	1.25	20"	13"
◇ EAF11152422-270	15 mil	0.38	2,700	823	87	39	24"	60	0.22	1.67	20"	13"

XXX or XX denotes the flow rate in gpm per 100 feet (Q-100) @ 10 psi. Substitute XXX or XX with the flow rates available for each spacing, indicated in the gpm Q-100 column. Example: EAF11150867-400 (Aqua-TraXX FC 5/8"; 15 mil; 8" spacing; 0.67 gpm Q-100; 4,000 Ft. Coil)

## FlowControl - Full Reel Shipping Information

<b>FlowControl Dimensions:</b>	<b>1 Reel</b>	<b>Dia. 20" x H 11"</b>		<b>Reels per 20' container</b>											
<b>Reels per Pallet</b>	<b>16 Reels</b>	<b>B 43" x W 43" x H 50"</b>		<b>FlowControl</b>	<b>4mil</b>	<b>5mil</b>	<b>6mil</b>	<b>8mil</b>	<b>10mil</b>	<b>12mil</b>	<b>15mil</b>				
	<b>32 Reels</b>	<b>(16 x 2) or 28 Reels (16 + 12)</b>		5/8"			280	280	280	280	280				
				7/8"				280	280	280	280				
				1-3/8"							280				
<b>Reels per truck load (approx. 53')</b>				<b>Reels per 40' container</b>											
<b>FlowControl</b>	<b>4mil</b>	<b>5mil</b>	<b>6mil</b>	<b>8mil</b>	<b>10mil</b>	<b>12mil</b>	<b>15mil</b>	<b>FlowControl</b>	<b>4mil</b>	<b>5mil</b>	<b>6mil</b>	<b>8mil</b>	<b>10mil</b>	<b>12mil</b>	<b>15mil</b>
5/8"		640	640	640	640			5/8"			640	640	640	640	640
7/8"			640	640	640	640		7/8"				640	640	640	640
1-3/8"					480			1-3/8"							480

<b>FlowControl Flow Rates Available in 6, 8, 10, 12 &amp; 15 mil Tape</b>									
Emitter Flow Part Number	Outlet Spacing		Emitter Flow Rate		Q-100		Emitter Exponent	Filtration Requirement	
			gph	lph	gpm / 100 ft	lph / 1 meter			
	in	cm	@ 10 psi	@ 0.7 bar	@ 10 psi	@ 0.7 bar		mesh (micron)	
<b>0.13 gph emitter</b>									
EAF11150667-270	12	30	0.13	0.49	0.22	1.66	0.3	150 (98)	
EAF11150690-270	24	60	0.13	0.49	0.11	0.83			
<b>0.20 gph emitter</b>									
EAF11150667-270	6	15	0.20	0.76	0.67	4.99	0.3	150 (98)	
EAF11150850-270	8	20	0.20	0.76	0.50	3.74			
EAF11151234-270	12	30	0.20	0.76	0.34	2.50			
EAF11151625-270	16	40	0.20	0.76	0.25	1.87			
EAF11151822-270	18	45	0.20	0.76	0.22	1.67			
EAF11152417-270	24	60	0.20	0.76	0.17	1.25			
<b>0.27 gph emitter</b>									
EAF11150690-270	6	15	0.27	1.01	0.90	6.66	0.3	150 (98)	
EAF11150867-270	8	20	0.27	1.01	0.67	4.99			
EAF11151245-270	12	30	0.27	1.01	0.45	3.33			
EAF11151634-270	16	40	0.27	1.01	0.34	2.50			
EAF11151830-270	18	45	0.27	1.01	0.30	2.22			
EAF11152422-270	24	60	0.27	1.01	0.22	1.67			

\* X denotes the diameter. 5 for 5/8", 7 for 7/8", 8 for 1" and 11 for 1-3/8"

\*\* xx denotes mil thickness.

\*\*\* 1" only available in 13 mil.

Metric outlet spacing expressed in nominal length.



NEW  
**AQUA-TRAXX<sup>®</sup>**  
**AZUL<sup>™</sup>**

**MORE  
CLOG RESISTANT  
THAN EVER**



The same great quality and performance you expect from Aqua-Traxx with even more clog resistance and less worry. Learn more at [toro.com/azul](http://toro.com/azul)

**TORO<sup>®</sup>**

# Drip Tape

**AQUA-TRAXX®**  
AQUA-TRAXX® AZUL

## Aqua-Traxx FLOW RATES

Emitter Type	Emitter Flow Part Number	Outlet Spacing		Emitter Flow Rate				Q-100				Emitter Exponent	Filtration Requirement mesh (micron)		
				gph		lph		gpm / 100 ft		lph / 1 meter					
				in	cm	@ 8 psi	@ 10 psi	@ 0.55 bar	@ 0.7 bar	@ 8 psi	@ 10 psi			@ 0.55 bar	@ 0.7 bar
AQUA-TRAXX ULTRA-LOW FLOW	<b>0.07 gph emitter</b>														
	EAXxx0817	8	20	0.07	0.08	0.26	0.30	0.17	0.20	1.30	1.47	0.55	200 (74)		
	EAXxx1609	16	40	0.07	0.08	0.26	0.30	0.09	0.10	0.65	0.74	0.55	200 (74)		
	<b>0.09 gph emitter</b>														
	EAXxx0822	8	20	0.09	0.1	0.34	0.38	0.22	0.25	1.66	1.88	0.55	200 (74)		
	EAXxx1611	16	40	0.09	0.10	0.34	0.38	0.11	0.13	0.83	0.94	0.55	200 (74)		
AQUA-TRAXX AZUL	<b>0.10 gph emitter</b>														
	EAXxx0825	8	20	0.1	0.11	0.38	0.43	0.25	0.28	1.86	2.11	0.55	200 (74)		
	EAXxx1613	16	40	0.10	0.11	0.38	0.43	0.13	0.14	0.93	1.05	0.55	200 (74)		
	<b>0.13 gph emitter</b>														
	EAXxx0467	4	10	0.13	0.15	0.51	0.57	0.67	0.75	4.99	5.58	0.5	120 (125)		
	EAXxx0644	6	15	0.13	0.15	0.51	0.57	0.44	0.5	3.33	3.72	0.5	120 (125)		
AQUA-TRAXX AZUL	EAXxx0834	8	20	0.13	0.15	0.51	0.57	0.34	0.37	2.50	2.79	0.5	120 (125)		
	EAXxx1222	12	30	0.13	0.15	0.51	0.57	0.22	0.25	1.66	1.86	0.5	120 (125)		
	EAXxx1617	16	40	0.13	0.15	0.51	0.57	0.17	0.19	1.25	1.40	0.5	120 (125)		
	EAXxx1814	18	45	0.13	0.15	0.51	0.57	0.14	0.17	1.11	1.24	0.5	120 (125)		
	EAXxx2411	24	60	0.13	0.15	0.51	0.57	0.11	0.12	0.83	0.93	0.5	120 (125)		
	<b>0.20 gph emitter</b>														
	EAXxx04100	4	10	0.2	0.22	0.76	0.85	1	1.12	7.47	8.36	0.5	120 (125)		
	EAXxx0667	6	15	0.2	0.22	0.76	0.85	0.67	0.75	4.99	5.58	0.5	120 (125)		
	EAXxx0850	8	20	0.2	0.22	0.76	0.85	0.5	0.56	3.74	4.18	0.5	120 (125)		
	EAXxx1234	12	30	0.2	0.22	0.76	0.85	0.34	0.37	2.50	2.79	0.5	120 (125)		
	EAXxx1625	16	40	0.2	0.22	0.76	0.85	0.25	0.28	1.87	2.09	0.5	120 (125)		
	EAXxx1822	18	45	0.2	0.22	0.76	0.85	0.22	0.25	1.67	1.86	0.5	120 (125)		
	EAXxx2417	24	60	0.20	0.22	0.76	0.85	0.17	0.19	1.25	1.40	0.5	120 (125)		
	<b>0.27 gph emitter</b>														
	EAXxx04134	4	10	0.27	0.3	1.01	1.13	1.34	1.5	9.99	11.16	0.5	120 (125)		
	EAXxx0690	6	15	0.27	0.3	1.01	1.13	0.9	1	6.66	7.44	0.5	120 (125)		
	EAXxx0867	8	20	0.27	0.3	1.01	1.13	0.67	0.75	4.99	5.58	0.5	120 (125)		
	EAXxx1245	12	30	0.27	0.3	1.01	1.13	0.45	0.5	3.33	3.72	0.5	120 (125)		
	EAXxx1634	16	40	0.27	0.3	1.01	1.13	0.34	0.37	2.50	2.79	0.5	120 (125)		
	EAXxx1830	18	45	0.27	0.3	1.01	1.13	0.3	0.33	2.22	2.48	0.5	120 (125)		
	EAXxx2422	24	60	0.27	0.30	1.01	1.13	0.22	0.25	1.67	1.86	0.5	120 (125)		
	AQUA-TRAXX	<b>0.15 gph emitter</b>													
		EAXxx0650	6	15	0.15	0.17	0.57	0.63	0.50	0.56	3.73	4.17	0.5	140 (105)	
		EAXxx1225	12	30	0.15	0.17	0.57	0.63	0.25	0.28	1.86	2.08	0.5	140 (105)	
EAXxx1817		18	45	0.15	0.17	0.57	0.63	0.17	0.19	1.24	1.39	0.5	140 (105)		
<b>0.34 gph emitter</b>															
EAXxx04168		4	10	0.34	0.37	1.27	1.42	1.68	1.87	12.48	13.95	0.5	120 (125)		
EAXxx06112		6	15	0.34	0.37	1.27	1.42	1.12	1.25	8.33	9.31	0.5	120 (125)		
EAXxx0884		8	20	0.34	0.37	1.27	1.42	0.84	0.94	6.24	6.98	0.5	120 (125)		
EAXxx1256		12	30	0.34	0.37	1.27	1.42	0.56	0.62	4.16	4.65	0.5	120 (125)		
EAXxx1642		16	40	0.34	0.37	1.27	1.42	0.42	0.47	3.12	3.49	0.5	120 (125)		
EAXxx1838		18	45	0.34	0.37	1.27	1.42	0.38	0.42	2.78	3.1	0.5	120 (125)		
EAXxx2428		24	60	0.34	0.37	1.27	1.42	0.28	0.31	2.08	2.33	0.5	120 (125)		
<b>0.53 gph emitter</b>															
EAXxx04265		4	10	0.53	0.59	2.01	2.24	2.65	2.96	19.75	22.08	0.5	120 (125)		
EAXxx08133		8	20	0.53	0.59	2.01	2.24	1.33	1.48	9.87	11.04	0.5	120 (125)		
EAXxx1288		12	30	0.53	0.59	2.01	2.24	0.88	0.99	6.58	7.36	0.5	120 (125)		
EAXxx1666		16	40	0.53	0.59	2.01	2.24	0.66	0.74	4.94	5.52	0.5	120 (125)		
EAXxx2444		24	60	0.53	0.59	2.01	2.24	0.44	0.49	3.29	3.68	0.5	120 (125)		
EAXxx3629	36	90	0.53	0.59	2.01	2.24	0.29	0.33	2.19	2.45	0.5	120 (125)			



# Drip Tape

**AQUA-TRAXX®**  
AQUA-TRAXX® AZUL

## Aqua-Traxx (Category I)

Non-Pressure Compensating Drip Tape

STOCKED ITEMS. PRODUCT GENERALLY AVAILABLE IN STOCK

Flow rate expressed in gpm per 100 feet (Q-100) @ 8 psi (0,55 Bar).



Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing		Available Flow Rates		Reel	
	mil	mm	Ft.	M	Lbs.	Kilos	in	cm	gpm Q-100 feet	liters / hour-meter	Dia.	Height
<b>5/8" Diameter (16mm)</b>												
EA50504134-1300	5 mil	0.13	13,000	3,962	72	33	4"	10	1.34	9.99	20"	11"
EA5050467-1300	5 mil	0.13	13,000	3,962	72	33	4"	10	0.67	4.99	20"	11"
EA5050650-1300	5 mil	0.13	13,000	3,962	72	33	6"	15	0.50	3.73	20"	11"
EA5050667-1300	5 mil	0.13	13,000	3,962	72	33	6"	15	0.67	4.99	20"	11"
EA5050817-1300	5 mil	0.13	13,000	3,962	72	33	8"	20	0.17	1.30	20"	11"
EA5050822-1300	5 mil	0.13	13,000	3,962	72	33	8"	20	0.22	1.66	20"	11"
EA5050825-1300	5 mil	0.13	13,000	3,962	72	33	8"	20	0.25	1.86	20"	11"
EA5050834-1300	5 mil	0.13	13,000	3,962	72	33	8"	20	0.34	2.50	20"	11"
EA5050850-1300	5 mil	0.13	13,000	3,962	72	33	8"	20	0.50	3.74	20"	11"
EA5050867-1300	5 mil	0.13	13,000	3,962	72	33	8"	20	0.67	4.99	20"	11"
EA5051222-1300	5 mil	0.13	13,000	3,962	72	33	12"	30	0.22	1.66	20"	11"
EA5051234-1300	5 mil	0.13	13,000	3,962	72	33	12"	30	0.34	2.5	20"	11"
EA5051245-1300	5 mil	0.13	13,000	3,962	72	33	12"	30	0.45	3.33	20"	11"
EA50604134-1000	6 mil	0.15	10,000	3,048	64	29	4"	10	1.34	9.99	20"	11"
EA5060467-1000	6 mil	0.15	10,000	3,048	64	29	4"	10	0.67	4.99	20"	11"
EA5060650-1000	6 mil	0.15	10,000	3,048	64	29	6"	15	0.50	3.73	20"	11"
EA5060667-1000	6 mil	0.15	10,000	3,048	64	29	6"	15	0.67	4.99	20"	11"
EA5060817-1000	6 mil	0.15	10,000	3,048	64	29	8"	20	0.17	1.30	20"	11"
EA5060822-1000	6 mil	0.15	10,000	3,048	64	29	8"	20	0.22	1.66	20"	11"
EA5060825-1000	6 mil	0.15	10,000	3,048	64	29	8"	20	0.25	1.86	20"	11"
EA5060834-1000	6 mil	0.15	10,000	3,048	64	29	8"	20	0.34	2.50	20"	11"
EA5060850-1000	6 mil	0.15	10,000	3,048	64	29	8"	20	0.50	3.74	20"	11"
EA5060867-1000	6 mil	0.15	10,000	3,048	64	29	8"	20	0.67	4.99	20"	11"
EA5060884-100	6 mil	0.15	10,000	3,048	64	29	8"	20	0.84	6.24	20"	11"
EA5061222-1000	6 mil	0.15	10,000	3,048	64	29	12"	30	0.22	1.66	20"	11"
EA5061234-1000	6 mil	0.15	10,000	3,048	64	29	12"	30	0.34	2.50	20"	11"
EA5061245-1000	6 mil	0.15	10,000	3,048	64	29	12"	30	0.45	3.33	20"	11"
EA50804134-750	8 mil	0.20	7,500	2,286	66	30	4"	10	1.34	9.99	20"	11"
EA5080467-750	8 mil	0.20	7,500	2,286	66	30	4"	10	0.67	4.99	20"	11"
EA5080650-750	8 mil	0.20	7,500	2,286	66	30	6"	15	0.50	3.73	20"	11"
EA5080667-750	8 mil	0.20	7,500	2,286	66	30	6"	15	0.67	4.99	20"	11"
EA5080817-750	8 mil	0.20	7,500	2,286	66	30	8"	20	0.17	1.30	20"	11"
EA5080825-750	8 mil	0.20	7,500	2,286	66	30	8"	20	0.25	1.86	20"	11"
EA5080834-750	8 mil	0.20	7,500	2,286	66	30	8"	20	0.34	2.50	20"	11"
EA5080850-750	8 mil	0.20	7,500	2,286	66	30	8"	20	0.50	3.74	20"	11"
EA5080867-750	8 mil	0.20	7,500	2,286	66	30	8"	20	0.67	4.99	20"	11"
EA5081222-750	8 mil	0.20	7,500	2,286	66	30	12"	30	0.22	1.66	20"	11"
EA5081245-750	8 mil	0.20	7,500	2,286	66	30	12"	30	0.45	3.33	20"	11"
EA5101245-600	10 mil	0.25	6,000	1,829	63	29	12"	30	0.45	3.33	20"	11"
EA51508XX-400	15 mil	0.38	4,000	1,220	63	29	8"	20	0.34	2.5	20"	11"
<b>7/8" Diameter (22mm)</b>												
EA70608XXX-738	6mil	0.15	7,380	2,250	68	31	8"	20	1.33	9.87	20"	11"
EA70608XX-738	6mil	0.15	7,380	2,250	68	31	8"	20	0.84 ; 0.67 ; 0.50	6.24 ; 4.99 ; 3.74	20"	11"
EA7060817-738	6mil	0.15	7,380	2,250	68	31	8"	20	0.17	1.30	20"	11"
EA7060822-738	6mil	0.15	7,380	2,250	68	31	8"	20	0.22	1.66	20"	11"
EA7060825-738	6mil	0.15	7,380	2,250	68	31	8"	20	0.25	1.86	20"	11"
EA7061234-738	6mil	0.15	7,380	2,250	68	31	12"	30	0.34	2.50	20"	11"
EA7060834-738	6mil	0.15	7,380	2,250	68	31	8"	20	0.34	2.50	20"	11"
EA7061222-738	6mil	0.15	7,380	2,250	68	31	12"	30	0.22	1.66	20"	11"
EA7080650-600	8 mil	0.20	6,000	1,829	72	33	6"	15	0.50	3.73	20"	11"
EA7080834-600	8 mil	0.20	6,000	1,829	72	33	8"	20	0.34	2.50	20"	11"
EA7080867-600	8 mil	0.20	6,000	1,829	72	33	8"	20	0.67	4.99	20"	11"
EA7081234-600	8 mil	0.20	6,000	1,829	72	33	12"	30	0.34	2.50	20"	11"
EA7100834-440	10 mil	0.25	4,400	1,341	71	32	8"	20	0.34	2.50	20"	11"
EA7101234-440	10 mil	0.25	4,400	1,341	71	32	12"	30	0.34	2.5	20"	11"





# Drip Tape

**AQUA-TRAXX**  
AQUA-TRAXX AZUL

### Aqua-Traxx (Category I) Non-Pressure Compensating Drip Tape

◇ MADE TO ORDER. US\$ 7,500.00 minimum order value will apply.

† MADE TO ORDER. 10 pallet minimum order.

Toro Ag Customer Service will confirm by Fax that the order has been accepted and the estimated date of delivery.

Flow rate expressed in gpm per 100 feet (Q-100) @ 8 psi (0,55 Bar).



Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing	Available Flow Rates		Reel Dia. Height
	mil	mm	Ft.	M	Lbs.	Kilos		gpm Q-100 feet	liters / hour-meter	
<b>5/8" Diameter (16mm)</b>										
◇ EA5040467-1500	4 mil	0.10	15,000	4,572	66	30	4" 10	0.67	4.99	20" 11"
◇ EA50404XXX-1500	4 mil	0.10	15,000	4,572	66	30	4" 10	2.65	19.75	20" 11"
◇ EA50406XX-1500	4 mil	0.10	15,000	4,572	66	30	6" 15	0.44; 0.50; 0.67; 0.90; 1.12 3.33; 3.73; 4.99; 6.66; 8.33	19.75	20" 11"
◇ EA5040867-1500	4 mil	0.10	15,000	4,572	66	30	8" 20	0.67	4.99	20" 11"
◇ EA50408XXX-1500	4 mil	0.10	15,000	4,572	66	30	8" 20	1.33	9.87	20" 11"
◇ EA50408XX-1500	4 mil	0.10	15,000	4,572	66	30	8" 20	0.34 ; 0.50	2.50 ; 3.74	20" 11"
◇ EA5040817-1500	4 mil	0.10	15,000	4,572	66	30	8" 20	0.17	1.30	20" 11"
◇ EA5040822-1500	4 mil	0.10	15,000	4,572	66	30	8" 20	0.22	1.66	20" 11"
◇ EA5040825-1500	4 mil	0.10	15,000	4,572	66	30	8" 20	0.25	1.86	20" 11"
◇ EA50412XX-1500	4 mil	0.10	15,000	4,572	66	30	12" 30	0.22; 0.25; 0.34; 0.45; 0.88 1.66; 1.86; 2.50; 3.33; 6.58	2.50; 3.12; 4.94	20" 11"
◇ EA50416XX-1500	4 mil	0.10	15,000	4,572	66	30	16" 40	0.17; 0.25; 0.34; 0.42; 0.66 1.25; 1.87; 2.50; 3.12; 4.94	1.67; 2.22	20" 11"
◇ EA50418XX-1500	4 mil	0.10	15,000	4,572	66	30	18" 45	0.14 ; 0.17; 0.22; 0.30	1.11 ; 1.24 ; 1.67; 2.22	20" 11"
◇ EA50424XX-1500	4 mil	0.10	15,000	4,572	66	30	24" 60	0.11; 0.17; 0.22; 0.28; 0.44 0.83; 1.25; 1.67; 2.08; 3.29	1.67; 2.08; 3.29	20" 11"
† EA50504XXX-1200	5 mil	0.13	12,000	3,658	64	30	4" 10	2.65	19.75	20" 11"
† EA50506XXX-1200	5 mil	0.13	12,000	3,658	64	30	6" 15	1.12	8.33	20" 11"
† EA50506XX-1200	5 mil	0.13	12,000	3,658	64	30	6" 15	0.44 ; 0.90	3.33 ; 6.66	20" 11"
† EA50508XXX-1200	5 mil	0.13	12,000	3,658	64	30	8" 20	1.33	9.87	20" 11"
† EA50508XX-1200	5 mil	0.13	12,000	3,658	64	30	8" 20	0.17 ; 0.22 ; 0.25	1.30 ; 1.66 ; 1.86	20" 11"
† EA50512XX-1200	5 mil	0.13	12,000	3,658	64	30	12" 30	0.34 ; 0.88	2.5 ; 6.58	20" 11"
† EA50516XX-1200	5 mil	0.13	12,000	3,658	64	30	16" 40	0.34 ; 0.25; 0.17; 0.66	2.50; 1.87; 1.25; 4.94	20" 11"
† EA50518XX-1200	5 mil	0.13	12,000	3,658	64	30	18" 45	0.14 ; 0.17; 0.22; 0.30	1.11 ; 1.24 ; 1.67; 2.22	20" 11"
† EA50524XX-1200	5 mil	0.13	12,000	3,658	64	30	24" 60	0.22 ; 0.17; 0.11 ; 0.44	1.67 ; 1.25 ; 0.83 ; 3.29	20" 11"
◇ EA50504XXX-1300	5 mil	0.13	13,000	3,962	72	33	4" 10	2.65	19.75	20" 11"
◇ EA50506XXX-1300	5 mil	0.13	13,000	3,962	72	33	6" 15	1.12	8.33	20" 11"
◇ EA50506XX-1300	5 mil	0.13	13,000	3,962	72	33	6" 15	0.44 ; 0.90	3.33 ; 6.66	20" 11"
◇ EA50508XXX-1300	5 mil	0.13	13,000	3,962	72	33	8" 20	1.33	9.87	20" 11"
◇ EA5050825-1300	5 mil	0.13	13,000	3,962	72	33	8" 20	0.25	1.86	20" 11"
◇ EA50512XX-1300	5 mil	0.13	13,000	3,962	72	33	12" 30	0.88	6.58	20" 11"
◇ EA50516XX-1300	5 mil	0.13	13,000	3,962	72	33	16" 40	0.34 ; 0.25; 0.17; 0.66	2.50; 1.87; 1.25; 4.94	20" 11"
◇ EA50518XX-1300	5 mil	0.13	13,000	3,962	72	33	18" 45	0.14 ; 0.17; 0.22; 0.30	1.11 ; 1.24 ; 1.67; 2.22	20" 11"
◇ EA50524XX-1300	5 mil	0.13	13,000	3,962	72	33	24" 60	0.22 ; 0.17; 0.11 ; 0.44	1.67 ; 1.25 ; 0.83 ; 3.29	20" 11"
◇ EA50604XXX-1000	6 mil	0.15	10,000	3,048	64	29	4" 10	2.65	19.75	20" 11"
◇ EA50606XXX-1000	6 mil	0.15	10,000	3,048	64	29	6" 15	1.12	8.33	20" 11"
◇ EA50606XX-1000	6 mil	0.15	10,000	3,048	64	29	6" 15	0.44 ; 90	3.33 ; 6.66	20" 11"
◇ EA50608XXX-1000	6 mil	0.15	10,000	3,048	64	29	8" 20	1.33	9.87	20" 11"
◇ EA50612XX-1000	6 mil	0.15	10,000	3,048	64	29	12" 30	0.56 ; 0.88	4.16 ; 6.58	20" 11"
◇ EA50616XX-1000	6 mil	0.15	10,000	3,048	64	29	16" 40	0.34 ; 0.25; 0.17; 0.66	2.50; 1.87; 1.25; 4.94	20" 11"
◇ EA50618XX-1000	6 mil	0.15	10,000	3,048	64	29	18" 45	0.14 ; 0.17; 0.22; 0.30	1.11 ; 1.25 ; 1.67; 2.22	20" 11"
◇ EA50624XX-1000	6 mil	0.15	10,000	3,048	64	29	24" 60	0.22 ; 0.17; 0.11 ; 0.44	1.67 ; 1.25 ; 0.83 ; 3.29	20" 11"
◇ EA50804XXX-750	8 mil	0.20	7,500	2,286	66	30	4" 10	2.65	19.75	20" 11"
◇ EA50806XX-750	8 mil	0.20	7,500	2,286	66	30	6" 15	0.44 ; 0.67; 0.90; 1.12	3.33; 4.99; 6.66; 8.33	20" 11"
◇ EA50808XXX-750	8 mil	0.20	7,500	2,286	66	30	8" 20	1.33	9.87	20" 11"
◇ EA50808XX-750	8 mil	0.20	7,500	2,286	66	30	8" 20	0.84	6.24	20" 11"
◇ EA5080822-750	8 mil	0.20	7,500	2,286	66	30	8" 20	0.22	1.66	20" 11"
◇ EA5080825-750	8 mil	0.20	7,500	2,286	66	30	8" 20	0.22	1.86	20" 11"
◇ EA50812XX-750	8 mil	0.20	7,500	2,286	66	30	12" 30	0.34 ; 0.56 ; 0.88	2.50 ; 4.16 ; 6.58	20" 11"
◇ EA50816XX-750	8 mil	0.20	7,500	2,286	66	30	16" 40	0.42; 0.34; 0.25; 0.17; 0.66 3.12; 2.50; 1.87; 1.25; 4.94	2.50; 4.94	20" 11"
◇ EA50818XX-750	8 mil	0.20	7,500	2,286	66	30	18" 45	0.14 ; 0.17 ; 0.22 ; 0.30 1.11 ; 1.25 ; 1.67 ; 2.22	1.11 ; 1.25 ; 1.67 ; 2.22	20" 11"
◇ EA50824XX-750	8 mil	0.20	7,500	2,286	66	30	24" 60	0.28; 0.22; 0.17; 0.11; 0.44 2.08; 1.67; 1.25; 0.83; 3.29	2.08; 1.67; 1.25; 0.83; 3.29	20" 11"
◇ EA51004XXX-600	10 mil	0.25	6,000	1,829	63	29	4" 10	1.34 ; 2.65	9.99 ; 19.75	20" 11"
◇ EA51006XXX-600	10 mil	0.25	6,000	1,829	63	29	6" 15	1.12	8.33	20" 11"
◇ EA51006XX-600	10 mil	0.25	6,000	1,829	63	29	6" 15	0.44 ; 0.50; 0.67; 0.90	3.33 ; 3.74 ; 4.99 ; 6.66	20" 11"
◇ EA51008XXX-600	10 mil	0.25	6,000	1,829	63	29	8" 20	1.33	9.87	20" 11"
◇ EA51008XX-600	10 mil	0.25	6,000	1,829	63	29	8" 20	0.84 ; 0.50 ; 0.34	6.24 ; 3.74 ; 2.50	20" 11"
◇ EA5100817-600	10 mil	0.25	6,000	1,829	63	29	8" 20	0.17	1.30	20" 11"
◇ EA5100822-600	10 mil	0.25	6,000	1,829	63	29	8" 20	0.22	1.66	20" 11"
◇ EA5100825-600	10 mil	0.25	6,000	1,829	63	29	8" 20	0.25	1.86	20" 11"
◇ EA5100867-600	10 mil	0.25	6,000	1,829	63	29	8" 20	0.67	4.99	20" 11"
◇ EA51012XX-600	10 mil	0.25	6,000	1,829	63	29	12" 30	0.56 ; 0.34; 0.22; 0.88	4.16 ; 2.50 ; 1.66 ; 6.58	20" 11"
◇ EA51016XX-600	10 mil	0.25	6,000	1,829	63	29	16" 40	0.42; 0.34; 0.25; 0.17; 0.66 3.12; 2.50; 1.87; 1.66; 4.94	3.12; 2.50; 1.87; 1.66; 4.94	20" 11"
◇ EA51018XX-600	10 mil	0.25	6,000	1,829	63	29	18" 45	0.14 ; 0.17; 0.22; 0.30	1.11 ; 1.25 ; 1.67 ; 2.22	20" 11"
◇ EA51024XX-600	10 mil	0.25	6,000	1,829	63	29	24" 60	0.28; 0.22; 0.17; 0.11; 0.44 2.08; 1.67; 1.25; 0.83; 3.29	2.08; 1.67; 1.25; 0.83; 3.29	20" 11"

continue next page...



# Drip Tape

**AQUA-TRAXX®**  
AQUA-TRAXX® AZUL

**Aqua-Traxx (Category I)**  
Non-Pressure Compensating Drip Tape

◇ **MADE TO ORDER.** US\$ 7,500.00 minimum order value will apply.

Toro Ag Customer Service will confirm by Fax that the order has been accepted and the estimated date of delivery.

Flow rate expressed in gpm per 100 feet (Q-100) @ 8 psi (0.55 Bar).



Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing		Available Flow Rates		Reel	
	mil	mm	Ft.	M	Lbs.	Kilos	in	cm	gpm Q-100 feet	liters / hour-meter	Dia.	Height
◇ EA51204XXX-510	12 mil	0.30	5,100	1,554	63	29	4" 10		1.34 ; 2.65	9.99 ; 19.75	20"	11"
◇ EA51206XXX-510	12 mil	0.30	5,100	1,554	63	29	6" 15		1.12	8.33	20"	11"
◇ EA51206XXX-510	12 mil	0.30	5,100	1,554	63	29	6" 15	0.44 ; 0.50 ; 0.67 ; 0.90	3.33 ; 3.74 ; 4.99 ; 6.66	20"	11"	
◇ EA51208XXX-510	12 mil	0.30	5,100	1,554	63	29	8" 20		1.33	9.87	20"	11"
◇ EA51208XXX-510	12 mil	0.30	5,100	1,554	63	29	8" 20	0.84 ; 0.67 ; 0.50 ; 0.34	6.24 ; 4.99 ; 3.74 ; 2.50	20"	11"	
◇ EA5120817-510	12 mil	0.30	5,100	1,554	63	29	8" 20		0.17	1.30	20"	11"
◇ EA5120822-510	12 mil	0.30	5,100	1,554	63	29	8" 20		0.22	1.66	20"	11"
◇ EA5120825-510	12 mil	0.30	5,100	1,554	63	29	8" 20		0.25	1.86	20"	11"
◇ EA51212XX-510	12 mil	0.30	5,100	1,554	63	29	12" 30	0.56 ; 0.45 ; 0.34 ; 0.22 ; 0.88	4.16 ; 3.33 ; 2.50 ; 1.66 ; 6.58	20"	11"	
◇ EA51216XX-510	12 mil	0.30	5,100	1,554	63	29	16" 40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.66 ; 4.94	20"	11"	
◇ EA51218XX-510	12 mil	0.30	5,100	1,554	63	29	18" 45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.25 ; 1.67 ; 2.22	20"	11"	
◇ EA51224XX-510	12 mil	0.30	5,100	1,554	63	29	24" 60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"	
◇ EA51504XXX-400	15 mil	0.38	4,000	1,220	63	29	4" 10		1.34 ; 2.65	9.99 ; 19.75	20"	11"
◇ EA51506XXX-400	15 mil	0.38	4,000	1,220	63	29	6" 15		1.12	8.33	20"	11"
◇ EA51506XXX-400	15 mil	0.38	4,000	1,220	63	29	6" 15	0.44 ; 0.50 ; 0.67 ; 0.90	3.33 ; 3.74 ; 4.99 ; 6.66	20"	11"	
◇ EA51508XXX-400	15 mil	0.38	4,000	1,220	63	29	8" 20		1.33	9.87	20"	11"
◇ EA51508XXX-400	15 mil	0.38	4,000	1,220	63	29	8" 20	0.84 ; 0.67 ; 0.50	6.24 ; 4.99 ; 3.74	20"	11"	
◇ EA5150817-400	15 mil	0.38	4,000	1,220	63	29	8" 20		0.17	1.30	20"	11"
◇ EA5150822-400	15 mil	0.38	4,000	1,220	63	29	8" 20		0.22	1.66	20"	11"
◇ EA5150825-400	15 mil	0.38	4,000	1,220	63	29	8" 20		0.25	1.86	20"	11"
◇ EA51512XX-400	15 mil	0.38	4,000	1,220	63	29	12" 30	0.56 ; 0.45 ; 0.34 ; 0.22 ; 0.88	4.16 ; 3.33 ; 2.50 ; 1.66 ; 6.58	20"	11"	
◇ EA51516XX-400	15 mil	0.38	4,000	1,220	63	29	16" 40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.66 ; 4.94	20"	11"	
◇ EA51518XX-400	15 mil	0.38	4,000	1,220	63	29	18" 45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.25 ; 1.67 ; 2.22	20"	11"	
◇ EA51524XX-400	15 mil	0.38	4,000	1,220	63	29	24" 60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"	
<b>Sweet Spot - 6/8" Diameter (19mm)</b>												
◇ EA60504XXX-1200	5 mil	0.13	12,000	3,658	69	31	4" 10		2.65	19.75	20"	11"
◇ EA60506XXX-1200	5 mil	0.13	12,000	3,658	69	31	6" 15		1.12	8.33	20"	11"
◇ EA60506XXX-1200	5 mil	0.13	12,000	3,658	69	31	6" 15	0.44 ; 0.90	3.33 ; 6.66	20"	11"	
◇ EA60508XXX-1200	5 mil	0.13	12,000	3,658	69	31	8" 20		1.33	9.87	20"	11"
◇ EA6050825-1200	5 mil	0.13	12,000	3,658	69	31	8" 20		0.25	1.86	20"	11"
◇ EA60512XX-1200	5 mil	0.13	12,000	3,658	69	31	12" 30		0.88	6.58	20"	11"
◇ EA60516XX-1200	5 mil	0.13	12,000	3,658	69	31	16" 40	0.34 ; 0.25 ; 0.17 ; 0.66	2.50 ; 1.87 ; 1.25 ; 4.94	20"	11"	
◇ EA60518XX-1200	5 mil	0.13	12,000	3,658	69	31	18" 45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.24 ; 1.67 ; 2.22	20"	11"	
◇ EA60524XX-1200	5 mil	0.13	12,000	3,658	69	31	24" 60	0.22 ; 0.17 ; 0.11 ; 0.44	1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"	
◇ EA60604XXX-880	6 mil	0.15	8,800	2,682	61	28	4" 10		2.65	19.75	20"	11"
◇ EA60606XXX-880	6 mil	0.15	8,800	2,682	61	28	6" 15		1.12	8.33	20"	11"
◇ EA60606XXX-880	6 mil	0.15	8,800	2,682	61	28	6" 15	0.44 ; 90	3.33 ; 6.66	20"	11"	
◇ EA60608XXX-880	6 mil	0.15	8,800	2,682	61	28	8" 20		1.33	9.87	20"	11"
◇ EA60612XX-880	6 mil	0.15	8,800	2,682	61	28	12" 30		0.56 ; 0.88	4.16 ; 6.58	20"	11"
◇ EA60616XX-880	6 mil	0.15	8,800	2,682	61	28	16" 40	0.34 ; 0.25 ; 0.17 ; 0.66	2.50 ; 1.87 ; 1.25 ; 4.94	20"	11"	
◇ EA60618XX-880	6 mil	0.15	8,800	2,682	61	28	18" 45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.25 ; 1.67 ; 2.22	20"	11"	
◇ EA60624XX-880	6 mil	0.15	8,800	2,682	61	28	24" 60	0.22 ; 0.17 ; 0.11 ; 0.44	1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"	
◇ EA60804XXX-660	8 mil	0.20	6,600	2,012	59	27	4" 10		2.65	19.75	20"	11"
◇ EA60806XXX-660	8 mil	0.20	6,600	2,012	59	27	6" 15	0.44 ; 0.67 ; 0.90 ; 1.12	3.33 ; 4.99 ; 6.66 ; 8.33	20"	11"	
◇ EA60808XXX-660	8 mil	0.20	6,600	2,012	59	27	8" 20		1.33	9.87	20"	11"
◇ EA60808XXX-660	8 mil	0.20	6,600	2,012	59	27	8" 20		0.84	6.24	20"	11"
◇ EA6080822-660	8 mil	0.20	6,600	2,012	59	27	8" 20		0.22	1.66	20"	11"
◇ EA6080825-660	8 mil	0.20	6,600	2,012	59	27	8" 20		0.22	1.86	20"	11"
◇ EA60812XX-660	8 mil	0.20	6,600	2,012	59	27	12" 30	0.34 ; 0.56 ; 0.88	2.50 ; 4.16 ; 6.58	20"	11"	
◇ EA60816XX-660	8 mil	0.20	6,600	2,012	59	27	16" 40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.25 ; 4.94	20"	11"	
◇ EA60818XX-660	8 mil	0.20	6,600	2,012	59	27	18" 45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.25 ; 1.67 ; 2.22	20"	11"	
◇ EA60824XX-660	8 mil	0.20	6,600	2,012	59	27	24" 60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"	



XXX or XX denotes the flow rate in gpm per 100 feet (Q-100) @ 8 psi. Substitute XXX or XX with the flow rates available for each spacing, indicated in the gpm Q-100 column. Example: EA51204134-510 (Aqua-Traxx 5/8"; 12 mil; 4" spacing; 1.34 gpm Q-100; 5,100 Ft. Coil) or EA5120850-510 (Aqua-Traxx 5/8"; 12 mil; 8" spacing; 0.50 gpm Q-100; 5,100 Ft. Coil).

**Note: Aqua-Traxx products with flow rates of 0817, 0822, and 0825 have higher list prices than other flows.**



# Drip Tape

**AQUA-TRAXX®**  
AQUA-TRAXX™ AZUL

**Aqua-Traxx (Category I)**  
**Non-Pressure Compensating Drip Tape**

◇ **MADE TO ORDER.** 4 Pallets (or 64 Rolls) minimum order value will apply. Toro Ag Customer Service will confirm by e-mail that the order has been accepted and the estimated date of delivery.  
*Flow rate expressed in gpm per 100 feet (Q-100) @ 8 psi (0.55 Bar).*

Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing		Available Flow Rates		Reel	
	mil	mm	Ft.	M	Lbs.	Kilos	in	cm	gpm Q-100 feet	liters / hour-meter	Dia.	Height

**7/8" Diameter (22mm)**



◇ EA70508xx-1000	5mil	0.13	10,000	3048	75	34	8"	20	0.34	2.5	20"	13"
◇ EA70508xx-1200	5mil	0.13	12,000	3658	82	37	8"	20	0.34	2.5	20"	13"
◇ EA70604XXX-738	6mil	0.15	7,380	2,250	68	31	4"	10	2.65	19.75	20"	11"
◇ EA70606XX-738	6mil	0.15	7,380	2,250	68	31	6"	10	0.67 ; 0.50	4.99 ; 3.73	20"	11"
◇ EA70612XX-738	6mil	0.15	7,380	2,250	68	31	12"	30	0.56 ; 0.45 ; 0.25 ; 0.88	4.16 ; 3.33 ; 1.86 ; 6.58	20"	11"
◇ EA70616XX-738	6mil	0.15	7,380	2,250	68	31	16"	40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.25 ; 4.94	20"	11"
◇ EA70618XX-738	6mil	0.15	7,380	2,250	68	31	18"	45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.24 ; 1.67 ; 2.22	20"	11"
◇ EA70624XX-738	6mil	0.15	7,380	2,250	68	31	24"	60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"
◇ EA70804XXX-600	8 mil	0.20	6,000	1,829	72	33	4"	10	1.34 ; 2.65	9.99 ; 19.75	20"	11"
◇ EA70806XXX-600	8 mil	0.20	6,000	1,829	72	33	6"	15	1.12	8.33	20"	11"
◇ EA70806XX-600	8 mil	0.20	6,000	1,829	72	33	6"	15	0.44 ; 0.67 ; 0.90	3.33 ; 4.99 ; 6.66	20"	11"
◇ EA70808XXX-600	8 mil	0.20	6,000	1,829	72	33	8"	20	1.33	9.87	20"	11"
◇ EA70808XX-600	8 mil	0.20	6,000	1,829	72	33	8"	20	0.84 ; 0.50	6.24 ; 3.74	20"	11"
◇ EA7080817-600	8 mil	0.20	6,000	1,829	72	33	8"	20	0.17	1.30	20"	11"
◇ EA7080822-600	8 mil	0.20	6,000	1,829	72	33	8"	20	0.22	1.66	20"	11"
◇ EA7080825-600	8 mil	0.20	6,000	1,829	72	33	8"	20	0.25	1.86	20"	11"
◇ EA70812XX-600	8 mil	0.20	6,000	1,829	72	33	12"	30	0.56 ; 0.45 ; 0.22 ; 0.88	4.16 ; 3.33 ; 1.66 ; 6.58	20"	11"
◇ EA70816XX-600	8 mil	0.20	6,000	1,829	72	33	16"	40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.25 ; 4.94	20"	11"
◇ EA70818XX-600	8 mil	0.20	6,000	1,829	72	33	18"	45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.24 ; 1.67 ; 2.22	20"	11"
◇ EA70824XX-600	8 mil	0.20	6,000	1,829	72	33	24"	60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"
◇ EA71004XXX-440	10 mil	0.25	4,400	1,341	71	32	4"	10	1.34 ; 2.65	9.99 ; 19.75	20"	11"
◇ EA71006XXX-440	10 mil	0.25	4,400	1,341	71	32	6"	10	1.12	8.33	20"	11"
◇ EA71006XX-440	10 mil	0.25	4,400	1,341	71	32	6"	10	0.44 ; 0.50 ; 0.67 ; 0.90	3.33 ; 3.78 ; 4.99 ; 6.66	20"	11"
◇ EA71008XXX-440	10 mil	0.25	4,400	1,341	71	32	8"	20	1.33	9.87	20"	11"
◇ EA71008XX-440	10 mil	0.25	4,400	1,341	71	32	8"	20	0.84 ; 0.67 ; 0.50	6.24 ; 4.99 ; 3.74	20"	11"
◇ EA7100817-440	10 mil	0.25	4,400	1,341	71	32	8"	20	0.17	1.30	20"	11"
◇ EA7100822-440	10 mil	0.25	4,400	1,341	71	32	8"	20	0.22	1.66	20"	11"
◇ EA7100825-440	10 mil	0.25	4,400	1,341	71	32	8"	20	0.25	1.86	20"	11"
◇ EA71012XX-440	10 mil	0.25	4,400	1,341	71	32	12"	30	0.56 ; 0.45 ; 0.22 ; 0.88	4.16 ; 3.33 ; 1.66 ; 6.58	20"	11"
◇ EA71016XX-440	10 mil	0.25	4,400	1,341	71	32	16"	40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.25 ; 4.94	20"	11"
◇ EA71018XX-440	10 mil	0.25	4,400	1,341	71	32	18"	45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.24 ; 1.67 ; 2.22	20"	11"
◇ EA71024XX-440	10 mil	0.25	4,400	1,341	71	32	24"	60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"
◇ EA71204XXX-400	12 mil	0.30	4,000	1,220	72	33	4"	10	1.34 ; 2.65	9.99 ; 19.75	20"	11"
◇ EA71206XXX-400	12 mil	0.30	4,000	1,220	72	33	6"	10	1.12	8.33	20"	11"
◇ EA71206XX-400	12 mil	0.30	4,000	1,220	72	33	6"	10	0.44 ; 0.50 ; 0.67 ; 0.90	3.33 ; 3.78 ; 4.99 ; 6.66	20"	11"
◇ EA71208XXX-400	12 mil	0.30	4,000	1,220	72	33	8"	20	1.33	9.87	20"	11"
◇ EA71208XX-400	12 mil	0.30	4,000	1,220	72	33	8"	20	0.84 ; 0.67 ; 0.50 ; 0.34	6.24 ; 4.99 ; 3.74 ; 2.50	20"	11"
◇ EA7120817-400	12 mil	0.30	4,000	1,220	72	33	8"	20	0.17	1.30	20"	11"
◇ EA7120822-400	12 mil	0.30	4,000	1,220	72	33	8"	20	0.22	1.66	20"	11"
◇ EA7120825-400	12 mil	0.30	4,000	1,220	72	33	8"	20	0.25	1.86	20"	11"
◇ EA71212XX-400	12 mil	0.30	4,000	1,220	72	33	12"	30	0.56 ; 0.45 ; 0.34 ; 0.22 ; 0.88	4.16 ; 3.33 ; 2.50 ; 1.66 ; 6.58	20"	11"
◇ EA71216XX-400	12 mil	0.30	4,000	1,220	72	33	16"	40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.25 ; 4.94	20"	11"
◇ EA71218XX-400	12 mil	0.30	4,000	1,220	72	33	18"	45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.24 ; 1.67 ; 2.22	20"	11"
◇ EA71224XX-400	12 mil	0.30	4,000	1,220	72	33	24"	60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"
◇ EA71504XXX-300	15 mil	0.38	3,000	914	66	30	4"	10	1.34 ; 2.65	9.99 ; 19.75	20"	11"
◇ EA71506XXX-300	15 mil	0.38	3,000	914	66	30	6"	10	1.12	8.33	20"	11"
◇ EA71506XX-300	15 mil	0.38	3,000	914	66	30	6"	10	0.44 ; 0.50 ; 0.67 ; 0.90	3.33 ; 3.78 ; 4.99 ; 6.66	20"	11"
◇ EA71508XXX-300	15 mil	0.38	3,000	914	66	30	8"	20	1.33	9.87	20"	11"
◇ EA71508XX-300	15 mil	0.38	3,000	914	66	30	8"	20	0.84 ; 0.67 ; 0.50 ; 0.34	6.24 ; 4.99 ; 3.74 ; 2.50	20"	11"
◇ EA7150817-300	15 mil	0.38	3,000	914	66	30	8"	20	0.17	1.30	20"	11"
◇ EA7150822-300	15 mil	0.38	3,000	914	66	30	8"	20	0.22	1.66	20"	11"
◇ EA7150825-300	15 mil	0.38	3,000	914	66	30	8"	20	0.25	1.86	20"	11"
◇ EA71512XX-300	15 mil	0.38	3,000	914	66	30	12"	30	0.56 ; 0.45 ; 0.34 ; 0.22 ; 0.88	4.16 ; 3.33 ; 2.50 ; 1.66 ; 6.58	20"	11"
◇ EA71516XX-300	15 mil	0.38	3,000	914	66	30	16"	40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.25 ; 4.94	20"	11"
◇ EA71518XX-300	15 mil	0.38	3,000	914	66	30	18"	45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.24 ; 1.67 ; 2.22	20"	11"
◇ EA71524XX-300	15 mil	0.38	3,000	914	66	30	24"	60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"

**Note: Aqua-Traxx products with flow rates of 0817, 0822, and 0825 have higher list prices than other flows.**



# Drip Tape

**AQUA-TRAXX®**  
AQUA-TRAXX® AZUL

## Aqua-Traxx (Category I) Non-Pressure Compensating Drip Tape

◇ **MADE TO ORDER.** 4 Pallets (or 64 Rolls) minimum order value will apply. Toro Ag Customer Service will confirm by e-mail that the order has been accepted and the estimated date of delivery.  
Flow rate expressed in gpm per 100 feet (Q-100) @ 8 psi (0,55 Bar).

Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing		Available Flow Rates		Reel	
	mil	mm	Ft.	M	Lbs.	Kilos	inches	cm	gpm Q-100 feet	liters / hour-meter	Dia.	Height
<b>1" Diameter (25mm)</b>												
◇ EA81304XXX-300	13 mil	0.33	3,000	914	66	30	4"	10	1.34 ; 2.65	9.99 ; 19.75	20"	11"
◇ EA81306XXX-300	13 mil	0.33	3,000	914	66	30	6"	10	1.12	8.33	20"	11"
◇ EA81306XX-300	13 mil	0.33	3,000	914	66	30	6"	10	0.44 ; 0.50 ; 0.67 ; 0.90	3.33 ; 3.78 ; 4.99 ; 6.66	20"	11"
◇ EA81308XXX-300	13 mil	0.33	3,000	914	66	30	8"	20	1.33	9.87	20"	11"
◇ EA81308XX-300	13 mil	0.33	3,000	914	66	30	8"	20	0.84 ; 0.67 ; 0.50 ; 0.34	6.24 ; 4.99 ; 3.74 ; 2.50	20"	11"
◇ EA8130817-300	13 mil	0.33	3,000	914	66	30	8"	20	0.17	1.30	20"	11"
◇ EA8130822-300	13 mil	0.33	3,000	914	66	30	8"	20	0.22	1.66	20"	11"
◇ EA8130825-300	13 mil	0.33	3,000	914	66	30	8"	20	0.25	1.86	20"	11"
◇ EA81312XX-300	13 mil	0.33	3,000	914	66	30	12"	30	0.56 ; 0.45 ; 0.34 ; 0.22 ; 0.88	4.16 ; 3.33 ; 2.50 ; 1.66 ; 6.58	20"	11"
◇ EA81316XX-300	13 mil	0.33	3,000	914	66	30	16"	40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.25 ; 4.94	20"	11"
◇ EA81318XX-300	13 mil	0.33	3,000	914	66	30	18"	45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.24 ; 1.67 ; 2.22	20"	11"
◇ EA81324XX-300	13 mil	0.33	3,000	914	66	30	24"	60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	11"



## 1-1/8" Diameter (28mm)

◇ EA91504XXX-300	15 mil	0.38	3,000	914	71	32	4"	10	1.34 ; 2.65	9.99 ; 19.75	20"	13"
◇ EA91506XXX-300	15 mil	0.38	3,000	914	71	32	6"	10	1.12	8.33	20"	13"
◇ EA91506XX-300	15 mil	0.38	3,000	914	71	32	6"	10	0.44 ; 0.50 ; 0.67 ; 0.90	3.33 ; 3.78 ; 4.99 ; 6.66	20"	13"
◇ EA91508XXX-300	15 mil	0.38	3,000	914	71	32	8"	20	1.33	9.87	20"	13"
◇ EA91508XX-300	15 mil	0.38	3,000	914	71	32	8"	20	0.84 ; 0.67 ; 0.50 ; 0.34	6.24 ; 4.99 ; 3.74 ; 2.50	20"	13"
◇ EA9150817-300	15 mil	0.38	3,000	914	71	32	8"	20	0.17	1.30	20"	13"
◇ EA9150822-300	15 mil	0.38	3,000	914	71	32	8"	20	0.22	1.66	20"	13"
◇ EA9150825-300	15 mil	0.38	3,000	914	71	32	8"	20	0.25	1.86	20"	13"
◇ EA91512XX-300	15 mil	0.38	3,000	914	71	32	12"	30	0.56 ; 0.45 ; 0.34 ; 0.22 ; 0.88	4.16 ; 3.33 ; 2.50 ; 1.66 ; 6.58	20"	13"
◇ EA91516XX-300	15 mil	0.38	3,000	914	71	32	16"	40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.25 ; 4.94	20"	13"
◇ EA91518XX-300	15 mil	0.38	3,000	914	71	32	18"	45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.24 ; 1.67 ; 2.22	20"	13"
◇ EA91524XX-300	15 mil	0.38	3,000	914	71	32	24"	60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	13"

## 1-3/8" Diameter (35mm)

◇ EA111504XXX-270	15 mil	0.38	2,700	823	87	39	4"	10	1.34 ; 2.65	9.99 ; 19.75	20"	13"
◇ EA111506XXX-270	15 mil	0.38	2,700	823	87	39	6"	10	1.12	8.33	20"	13"
◇ EA111506XX-270	15 mil	0.38	2,700	823	87	39	6"	10	0.44 ; 0.50 ; 0.67 ; 0.90	3.33 ; 3.78 ; 4.99 ; 6.66	20"	13"
◇ EA111508XXX-270	15 mil	0.38	2,700	823	87	39	8"	20	1.33	9.87	20"	13"
◇ EA111508XX-270	15 mil	0.38	2,700	823	87	39	8"	20	0.84 ; 0.67 ; 0.50 ; 0.34	6.24 ; 4.99 ; 3.74 ; 2.50	20"	13"
◇ EA11150817-270	15 mil	0.38	2,700	823	87	39	8"	20	0.17	1.30	20"	13"
◇ EA11150822-270	15 mil	0.38	2,700	823	87	39	8"	20	0.22	1.66	20"	13"
◇ EA11150825-270	15 mil	0.38	2,700	823	87	39	8"	20	0.25	1.86	20"	13"
◇ EA111512XX-270	15 mil	0.38	2,700	823	87	39	12"	30	0.56 ; 0.45 ; 0.34 ; 0.22 ; 0.88	4.16 ; 3.33 ; 2.50 ; 1.66 ; 6.58	20"	13"
◇ EA111516XX-270	15 mil	0.38	2,700	823	87	39	16"	40	0.42 ; 0.34 ; 0.25 ; 0.17 ; 0.66	3.12 ; 2.50 ; 1.87 ; 1.25 ; 4.94	20"	13"
◇ EA111518XX-270	15 mil	0.38	2,700	823	87	39	18"	45	0.14 ; 0.17 ; 0.22 ; 0.30	1.11 ; 1.24 ; 1.67 ; 2.22	20"	13"
◇ EA111524XX-270	15 mil	0.38	2,700	823	87	39	24"	60	0.28 ; 0.22 ; 0.17 ; 0.11 ; 0.44	2.08 ; 1.67 ; 1.25 ; 0.83 ; 3.29	20"	13"

XXX or XX denotes the flow rate in gpm per 100 feet (Q-100) @ 8 psi. Substitute XXX or XX with the flow rates available for each spacing, indicated in the gpm Q-100 column. Example: EA71204134-400 (Aqua-Traxx 7/8"; 12 mil; 4" spacing; 1.34 gpm Q-100; 4,000 Ft. Coil) or EA7120850-400 (Aqua-Traxx 7/8"; 12 mil; 8" spacing; 0.50 gpm Q-100; 4,000 Ft. Coil).

**Note: Aqua-Traxx products with flow rates of 0817, 0822, and 0825 have higher list prices than other flows.**

## AQUA-TRAXX®- Full Reel Shipping Information

Aqua-Traxx Dimensions:	1 Reel		Dia. 20" x H 11"		Reels per 20' container															
	16 Reels		B 43" x W 43" x H 50"		Aqua-Traxx		4mil	5mil	5mil(12K')	6mil	8mil	10mil	12mil	13mil	15mil					
Reels per Pallet	32 Reels		(16 x 2) or 28 Reels (16 + 12)		5/8"	280	280	280	280	280	280	280	280	280	280					
					7/8"							280			280					
					1"								280							
					1-1/8"										280					
					1-3/8"										280					
Reels per truck load (approx. 53')					Reels per 40' container															
Aqua-Traxx	4mil	5mil	5mil(12K')	6mil	8mil	10mil	12mil	13mil	15mil	Aqua-Traxx		4mil	5mil	5mil(12K')	6mil	8mil	10mil	12mil	13mil	15mil
5/8"	560	592	640	640	640	640	640	640	640	5/8"	560	592	640	640	640	640	640	640	640	640
7/8"				640	640	640	640			7/8"				640	640	640	640			640
1"						640				1"					640	640	640	640		640
1-1/8"									480	1-1/8"										480
1-3/8"									480	1-3/8"										480

Note: 5mil (12K') = 12,000 ft. 5mil reels. Regular 5mil reels contain 13,000 ft.



# Drip Tape

## Aqua-Traxx - Short Reels (Category I)

Non-Pressure Compensating Drip Tape

◇ **MADE TO ORDER.** 256 Short Reels (or 4 Pallets) minimum order value will apply. Toro Ag Customer Service will confirm by e-mail that the order has been accepted and the estimated date of delivery.  
Flow rate expressed in gpm per 100 feet (Q-100) @ 8 psi (0.55 Bar).

Part Number	Wall Thickness		Reel Length		Reel Weight		Spacing inches cm	Available Flow Rates		Reel Dia. Height
	mil	mm	Ft.	M	Lbs.	Kilos		gpm Q-100 feet	liters / hour-meter	
<b>5/8" Diameter (16mm) Wrapped Short Reels</b>										
EA50604XXX-250	6 mil	0.15	2,500	762	17	7.7	4" 10	1.00	7.47	10" 11"
EA50606XX-250	6 mil	0.15	2,500	762	17	7.7	6" 15	0.50 ; 0.67	3.73 ; 4.99	10" 11"
EA50608XX-250	6 mil	0.15	2,500	762	17	7.7	8" 20	0.34 ; 0.50 ; 0.67	2.50 ; 3.74 ; 4.99	10" 11"
EA50612XX-250	6 mil	0.15	2,500	762	17	7.7	12" 30	0.34 ; 0.45	2.50 ; 3.33	10" 11"
EA50804XXX-200	8 mil	0.20	2,000	610	17	7.7	4" 10	1.00	7.47	10" 11"
EA50806XX-200	8 mil	0.20	2,000	610	17	7.7	6" 15	0.50 ; 0.67	3.73 ; 4.99	10" 11"
EA50808XX-200	8 mil	0.20	2,000	610	17	7.7	8" 20	0.34 ; 0.50 ; 0.67	2.50 ; 3.74 ; 4.99	10" 11"
EA50812XX-200	8 mil	0.20	2,000	610	17	7.7	12" 30	0.34 ; 0.45	2.50 ; 3.33	10" 11"
EA51504XXX-100	15 mil	0.38	1,000	305	16	7.3	4" 10	1.00	7.47	10" 11"
EA51506XX-100	15 mil	0.38	1,000	305	16	7.3	6" 15	0.50 ; 0.67	3.73 ; 4.99	10" 11"
EA51508XX-100	15 mil	0.38	1,000	305	16	7.3	8" 20	0.34 ; 0.50 ; 0.67	2.50 ; 3.74 ; 4.99	10" 11"
EA51512XX-100	15 mil	0.38	1,000	305	16	7.3	12" 30	0.34 ; 0.45	2.50 ; 3.33	10" 11"



## 5/8" Diameter (16mm) Boxed Short Reels

EA50604XXX-250B	6 mil	0.15	2,500	762	17	7.7	4" 10	1.00	7.47	10" 11"
EA50606XX-250B	6 mil	0.15	2,500	762	17	7.7	6" 15	0.50 ; 0.67	3.73 ; 4.99	10" 11"
EA50608XX-250B	6 mil	0.15	2,500	762	17	7.7	8" 20	0.34 ; 0.50 ; 0.67	2.50 ; 3.74 ; 4.99	10" 11"
EA50612XX-250B	6 mil	0.15	2,500	762	17	7.7	12" 30	0.34 ; 0.45	2.50 ; 3.33	10" 11"
EA50804XXX-200B	8 mil	0.20	2,000	610	17	7.7	4" 10	1.00	7.47	10" 11"
EA50806XX-200B	8 mil	0.20	2,000	610	17	7.7	6" 15	0.50 ; 0.67	3.73 ; 4.99	10" 11"
EA50808XX-200B	8 mil	0.20	2,000	610	17	7.7	8" 20	0.34 ; 0.50 ; 0.67	2.50 ; 3.74 ; 4.99	10" 11"
EA50812XX-200B	8 mil	0.20	2,000	610	17	7.7	12" 30	0.34 ; 0.45	2.50 ; 3.33	10" 11"
EA51504XXX-100B	15 mil	0.38	1,000	305	16	7.3	4" 10	1.00	7.47	10" 11"
EA51506XX-100B	15 mil	0.38	1,000	305	16	7.3	6" 15	0.50 ; 0.67	3.73 ; 4.99	10" 11"
EA51508XX-100B	15 mil	0.38	1,000	305	16	7.3	8" 20	0.34 ; 0.50 ; 0.67	2.50 ; 3.74 ; 4.99	10" 11"
EA51512XX-100B	15 mil	0.38	1,000	305	16	7.3	12" 30	0.34 ; 0.45	2.50 ; 3.33	10" 11"



XXX or XX denotes the flow rate in gpm per 100 feet (Q-100) @ 8 psi. Substitute XXX or XX with the flow rates available for each spacing, indicated in the gpm Q-100 column. Example: EA71204134-400 (Aqua-Traxx 7/8"; 12 mil; 4" spacing; 1.34 gpm Q-100; 4,000 Ft. Coil) or EA7120850-400 (Aqua-Traxx 7/8"; 12 mil; 8" spacing; 0.50 gpm Q-100; 4,000 Ft. Coil).

**Note: Add suffix "B" to the end of the short reel part number to denote a boxed short reel of Aqua-Traxx tape.**  
**Example: EA5060834-250B (Aqua-Traxx 5/8"s, 6 mil, 8" spacing, 0.34 gpm Q-100, 2,500 ft coil, packaged in a box).**

## AQUA-TRAXX® - Short Reel Shipping Information

<b>Aqua-Traxx Dimensions:</b>	1 Reel	Dia. 10" x H 11"				<b>Reels per 20' container</b>					
<b>Reels per Pallet</b>	64 Reels	B 43" x W 43" x H 50"				Aqua-Traxx	6mil	8mil	10mil	12mil	15mil
						5/8"	1,120	1,120	1,120	1,120	1,120
<b>Reels per truck load (approx. 53')</b>						<b>Reels per 40' container</b>					
Aqua-Traxx	6mil	8mil	10mil	12mil	15mil	Aqua-Traxx	6mil	8mil	10mil	12mil	15mil
5/8"	2,432	2,432	2,432	2,560	2,560	5/8"	2432	2432	2432	2560	2560



# Drip Tape

**Aqua-Traxx Reorder Chart / Full Reels Per Acre**

Row Spacing in      ft		AT Family SKU Reel length ft	5/8" ID							7/8" ID					1" ID	1 1/8" ID	1 3/8" ID
			EA504 15,000	EA505 13,000	EA506 10,000	EA508 7,500	EA510 6,000	EA512 5,100	EA515 4,000	EA706 7,380	EA708 6,000	EA710 4,400	EA712 4,000	EA715 3,000	EA813 3,000	EA915 3,000	EA1115 2,700
30	2.50		1.16	1.34	1.74	2.32	2.90	3.42	4.36	2.36	2.90	4.36	4.36	5.81	5.81	5.81	6.45
32	2.67		1.09	1.26	1.63	2.18	2.72	3.20	4.08	2.21	2.72	3.71	4.08	5.45	5.45	5.45	6.05
34	2.83		1.02	1.18	1.54	2.05	2.56	3.01	3.84	2.08	2.56	3.49	3.84	5.12	5.12	5.12	5.69
36	3.00		0.97	1.12	1.45	1.94	2.42	2.85	3.63	1.97	2.42	3.30	3.63	4.84	4.84	4.84	5.38
38	3.17		0.92	1.06	1.38	1.83	2.29	2.70	3.44	1.86	2.29	3.13	3.44	4.59	4.59	4.59	5.09
40	3.33		0.87	1.01	1.31	1.74	2.18	2.56	3.27	1.77	2.18	2.97	3.27	4.36	4.36	4.36	4.84
42	3.50		0.83	0.96	1.24	1.66	2.07	2.44	3.11	1.69	2.07	2.83	3.11	4.15	4.15	4.15	4.61
44	3.67		0.79	0.91	1.19	1.58	1.98	2.33	2.97	1.61	1.98	2.70	2.97	3.96	3.96	3.96	4.40
46	3.83		0.76	0.87	1.14	1.52	1.89	2.23	2.84	1.54	1.89	2.58	2.84	3.79	3.79	3.79	4.21
48	4.00		0.73	0.84	1.09	1.45	1.82	2.14	2.72	1.48	1.82	2.48	2.72	3.63	3.63	3.63	4.03
50	4.17		0.70	0.80	1.05	1.39	1.74	2.05	2.61	1.42	1.74	2.38	2.61	3.48	3.48	3.48	3.87
52	4.33		0.67	0.77	1.01	1.34	1.68	1.97	2.51	1.36	1.68	2.28	2.51	3.35	3.35	3.35	3.72
54	4.50		0.65	0.74	0.97	1.29	1.61	1.90	2.42	1.31	1.61	2.20	2.42	3.23	3.23	3.23	3.59
56	4.67		0.62	0.72	0.93	1.24	1.56	1.83	2.33	1.26	1.56	2.12	2.33	3.11	3.11	3.11	3.46
58	4.83		0.60	0.69	0.90	1.20	1.50	1.77	2.25	1.22	1.50	2.05	2.25	3.00	3.00	3.00	3.34
60	5.00		0.58	0.67	0.87	1.16	1.45	1.71	2.18	1.18	1.45	1.98	2.18	2.90	2.90	2.90	3.23
62	5.17		0.56	0.65	0.84	1.12	1.41	1.65	2.11	1.14	1.41	1.92	2.11	2.81	2.81	2.81	3.12
64	5.33		0.54	0.63	0.82	1.09	1.36	1.60	2.04	1.11	1.36	1.86	2.04	2.72	2.72	2.72	3.03
66	5.50		0.53	0.61	0.79	1.06	1.32	1.55	1.98	1.07	1.32	1.80	1.98	2.64	2.64	2.64	2.93
68	5.67		0.51	0.59	0.77	1.02	1.28	1.51	1.92	1.04	1.28	1.75	1.92	2.56	2.56	2.56	2.85
70	5.83		0.50	0.57	0.75	1.00	1.24	1.46	1.87	1.01	1.24	1.70	1.87	2.49	2.49	2.49	2.77
72	6.00		0.48	0.56	0.73	0.97	1.21	1.42	1.82	0.98	1.21	1.65	1.82	2.42	2.42	2.42	2.69
74	6.17		0.47	0.54	0.71	0.94	1.18	1.39	1.77	0.96	1.18	1.61	1.77	2.35	2.35	2.35	2.62
76	6.33		0.46	0.53	0.69	0.92	1.15	1.35	1.72	0.93	1.15	1.56	1.72	2.29	2.29	2.29	2.55
78	6.50		0.45	0.52	0.67	0.89	1.12	1.31	1.68	0.91	1.12	1.52	1.68	2.23	2.23	2.23	2.48
80	6.67		0.44	0.50	0.65	0.87	1.09	1.28	1.63	0.89	1.09	1.49	1.63	2.18	2.18	2.18	2.42

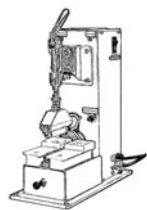
To use this chart: Intersect row spacing on first column with product type from first row. Multiply the factor by acreage. The result will be the number of reels required for your next order.



## Drip Tape Accessories

## Aqua-Traxx Fusion System









## Fusion System Splicer for Aqua-Traxx (Category VIII)










Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Fusion System Splicer for Aqua-Traxx 5/8" &amp; 7/8"</b>							
ZCP9700	Aqua-Traxx Fusion System Splicer	—	1	45.0	20.41	3.67	0.104
ZCP9710	Replacement Teflon - 6mil (10 per bag)	10	—	—	—	—	—
ZCP9760	Replacement Teflon - 10mil (10 per bag)	10	—	—	—	—	—
ZCP9720	Replacement Heating Element (2 sets) *Note: Includes 2 Lower Insulating Tape, 2 Heating Elements, 2 Upper Teflon Insulating Tape	2	—	—	—	—	—
ZCP9730	Replacement Heating Blocks (1 unit) *Note: Each Splicer requires two Heating Blocks	1	—	—	—	—	—
ZCP9740	Replacement Masking Adapters (set of 2)	2	—	—	—	—	—
ZCP9750	Replacement Splicer Fuse (5 per bag)	5	—	—	—	—	—
ZCP9770	Replacement Start Cycle Button	1	—	—	—	—	—

# Drip Tape Fittings

## Flex Connect™ Layflat Connection System (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Layflat Adapters</b>							
 T-FTA5-LF	5/8" TAPE X FLEX CONNECT LAYFLAT TAKEOFF	50	10	—	—	1.47	1.33
T-FTA6-LF	6/8" TAPE X FLEX CONNECT LAYFLAT TAKEOFF	50	10	—	—	1.47	1.33
T-FTA7-LF	7/8" TAPE X FLEX CONNECT LAYFLAT TAKEOFF	50	7	—	—	1.47	1.33
<b>Layflat Shutoff Valves</b>							
 T-FTV5-LF	5/8" TAPE X FLEX CONNECT LAYFLAT SHUTOFF VALVE	50	5	—	—	1.47	1.33
T-FTV6-LF	6/8" TAPE X FLEX CONNECT LAYFLAT SHUTOFF VALVE	50	5	—	—	1.47	1.33
T-FTV7-LF	7/8" TAPE X FLEX CONNECT LAYFLAT SHUTOFF VALVE	50	4	—	—	1.47	1.33
<b>Layflat Shutoff Valves with Tape Ring Loc</b>							
 T-FTV5-RL-LF	5/8" TAPE RING LOC X FLEX CONNECT LAYFLAT SHUTOFF VALVE	50	5	—	—	1.47	1.33
T-FTV7-RL-LF	7/8" TAPE RING LOC X FLEX CONNECT LAYFLAT SHUTOFF VALVE	50	4	—	—	1.47	1.33
<b>Layflat Adapters WITHOUT Layflat Eye Connection</b>							
 T-FTA5-LFX	5/8" TAPE X FLEX CONNECT LAYFLAT TAKEOFF - WITHOUT LAYFLAT EYE CONNECTOR	50	10	—	—	1.47	1.33
T-FTA6-LFX	6/8" TAPE X FLEX CONNECT LAYFLAT TAKEOFF - WITHOUT LAYFLAT EYE CONNECTOR	50	10	—	—	1.47	1.33
T-FTA7-LFX	7/8" TAPE X FLEX CONNECT LAYFLAT TAKEOFF - WITHOUT LAYFLAT EYE CONNECTOR	50	7	—	—	1.47	1.33
<b>Layflat Shutoff Valves WITHOUT Layflat Eye Connection</b>							
 T-FTV5-LFX	5/8" TAPE X FLEX CONNECT LAYFLAT SHUTOFF VALVE - WITHOUT LAYFLAT EYE CONNECTOR	50	5	—	—	1.47	1.33
T-FTV6-LFX	6/8" TAPE X FLEX CONNECT LAYFLAT SHUTOFF VALVE - WITHOUT LAYFLAT EYE CONNECTOR	50	5	—	—	1.47	1.33
T-FTV7-LFX	7/8" TAPE X FLEX CONNECT LAYFLAT SHUTOFF VALVE - WITHOUT LAYFLAT EYE CONNECTOR	50	4	—	—	1.47	1.33
<b>Layflat Shutoff Valves with Tape Ring Loc, WITHOUT Layflat Eye Connection</b>							
 T-FTV5-RL-LFX	5/8" TAPE RING LOC X FLEX CONNECT LAYFLAT SHUTOFF VALVE - WITHOUT LAYFLAT EYE CONNECTOR	50	5	—	—	1.47	1.33
T-FTV7-RL-LFX	7/8" TAPE RING LOC X FLEX CONNECT LAYFLAT SHUTOFF VALVE - WITHOUT LAYFLAT EYE CONNECTOR	50	4	—	—	1.47	1.33
<b>Flex Connect Layflat Fitting Accessories</b>							
 T-LF-ADPTR	FLEX CONNECT LAYFLAT ADAPTER EYE CONNECTION WITH LOCKING NUT	50	50	—	—	1.47	1.33
T-LF-CAP	FLEX CONNECT LAYFLAT SEALING CAP	50	75	—	—	1.47	1.33
<b>Flex Connect Layflat Installation Tools</b>							
 T-LF-CUT14	LAYFLAT CUTTER - 14MM	1	40	—	—	1.47	1.33
T-LF-INST	FLEX CONNECT T-HANDLE HEX TOOL FOR LAYFLAT INSTALLATION	10	10	—	—	1.47	1.33






























## TORO® Tape Fittings (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Couplings</b>							
 T-FTC500	5/8" TAPE COUPLING	50	10	—	—	1.47	1.33
T-FTC600	6/8" TAPE COUPLING	50	10	—	—	1.47	1.33
T-FTC700	7/8" TAPE COUPLING	50	7	—	—	1.47	1.33
<b>Barb Adapter</b>							
 T-FTA5-400B	5/8" TAPE X 400 SERIES BARB ADAPTER	50	16	—	—	1.47	1.33
T-FTA6-400B	6/8" TAPE X 400 SERIES BARB ADAPTER	50	16	—	—	1.47	1.33
<b>Barb Hose Adapters</b>							
 T-FTA5-500HB	5/8" TAPE X 500 SERIES HOSE BARB ADAPTER	50	16	—	—	1.47	1.33
T-FTA7-700HB	7/8" TAPE X 700 SERIES HOSE BARB ADAPTER	50	10	—	—	1.47	1.33
<b>End Plug</b>							
 T-FTA5-END	5/8" TAPE END PLUG	50	16	—	—	1.47	1.33
<b>Shutoff Valves</b>							
 T-FTV500	5/8" TAPE SHUTOFF VALVE	50	6	—	—	1.47	1.33
T-FTV600	6/8" TAPE SHUTOFF VALVE	50	6	—	—	1.47	1.33
T-FTV700	7/8" TAPE SHUTOFF VALVE	50	5	—	—	1.47	1.33
<b>Shutoff Valves X Barb Adapters</b>							
 T-FTV5-400B	5/8" TAPE X 400 SERIES BARB ADAPTER SHUTOFF VALVE	50	6	—	—	1.47	1.33
T-FTV6-400B	6/8" TAPE X 400 SERIES BARB ADAPTER SHUTOFF VALVE	50	6	—	—	1.47	1.33
T-FTV7-400B	7/8" TAPE X 400 SERIES BARB ADAPTER SHUTOFF VALVE	50	5	—	—	1.47	1.33
<b>Shutoff Valves x Barb Hose Adapters</b>							
 T-FTV5-500HB	5/8" TAPE X 500 SERIES HOSE BARB ADAPTER SHUTOFF VALVE	50	8	—	—	1.47	1.33
T-FTV6-500HB	6/8" TAPE X 500 SERIES HOSE BARB ADAPTER SHUTOFF VALVE	50	8	—	—	1.47	1.33



## Drip Tape Fittings













### Pro-Loc™ Tape Fittings (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Couplings</b>							
 FTC500	5/8" Tape Coupling	50	500	—	—	1.28	0.036
 FTC700	7/8" Tape Coupling	50	350	—	—	1.28	0.036
 FTC800	1" Tape Coupling	50	300	—	—	1.28	0.036
<b>250 Series Barb Adapter</b>							
 FTAS-250B	5/8" Tape x 250 Series Barb Adapter	—	400	—	—	1.28	0.036
<b>400 Series Barb Coupling</b>							
 FBC400B	400 Series Barb Coupling	500	1500	—	—	1.28	0.036
<b>400 Series Barb Adapter</b>							
 FTAS-400B	5/8" Tape x 400 Series Barb Adapter	—	400	—	—	1.28	0.036
<b>700 Series Barb Adapter</b>							
 FTAS-700B	5/8" Tape x 700 Series Barb Adapter	—	400	—	—	1.28	0.036
 FTA7-700B	7/8" Tape x 700 Series Barb Adapter	—	400	—	—	1.28	0.036
<b>425 Series Barb Adapter</b>							
 FTAS-425G	5/8" Tape x 425 Series Barb Adapter with Integral Gasket	50	700	—	—	1.28	0.036
<b>425 Series Barb Adapter with Rubber Grommet</b>							
 FTAS-425GR	5/8" Tape x 425 Series Barb Adapter with Rubber Grommet	50	600	—	—	1.28	0.036
 FTA7-425GR	7/8" Tape x 425 Series Barb Adapter with Rubber Grommet	50	400	—	—	1.28	0.036
<b>Top Hat Grommets</b>							
 FTHG4	Top Hat Grommet for 400 - 425 Series Barbs	50	7,000	—	—	1.28	0.036
<b>Tape End Plugs</b>							
 FTAS-END	5/8" TAPE END PLUG	50	800	—	—	1.28	0.036
 FTA7-END	7/8" TAPE END PLUG	50	500	—	—	1.28	0.036
<b>Female Hose Thread Swivel Adapter</b>							
 FTAS-75FHS	5/8" Tape x 3/4" Female Hose Swivel Adapter	—	400	—	—	1.28	0.036
<b>3/4" Male Adapter</b>							
 FTAS-75MPT	5/8" Tape x 3/4" MPT Male Adapter	50	500	—	—	1.28	0.036
 FTA7-75MPT	7/8" Tape x 3/4" MPT Male Adapter	50	400	—	—	1.28	0.036
 FTA8-75MPT	1" Tape x 3/4" MPT Male Adapter	50	300	—	—	1.28	0.036
<b>Barb Adapters x Flush Valves</b>							
 FTAS-FVL	5/8" Tape x Low Pressure Flush Valve	50	350	—	—	1.28	0.036
 FTA7-FVL	7/8" Tape x Low Pressure Flush Valve	50	350	—	—	1.28	0.036
<b>Flush Valves</b>							
 FFVFPT-L	Automatic Flush Valve x 3/4" Female Low Flow - White	50	800	—	—	1.28	0.036
 FFVFPT-H	Automatic Flush Valve x 3/4" Female High Flow - Red	50	800	—	—	1.28	0.036
<b>Layflat Takeoff Fittings - Single Grip</b>							
 FTAS-LF	5/8" Tape x Layflat Takeoff - Single Grip	50	400	—	—	1.28	0.036
 FTA7-LF	7/8" Tape x Layflat Takeoff - Single Grip	50	300	—	—	1.28	0.036
<b>Layflat Takeoff Fittings - Double Grip</b>							
 FTAS-LF2	5/8" Tape x Layflat Takeoff - Double Grip	50	400	—	—	1.28	0.036
<b>Tape x Hose Adapter with Locking Nut</b>							
 FTAS-600HN	5/8" Tape x 600 Series Pro-Loc Adapter with Locking Nut	50	500	—	—	1.28	0.036
<b>Barbed Hose Adapters</b>							
 FTAS-500HB	5/8" Tape x 500 Series Hose Barb Adapter	50	700	—	—	1.28	0.036
 FTAS-700HB	5/8" Tape x 700 Series Hose Barb Adapter	50	600	—	—	1.28	0.036
 FTA7-700HB	7/8" Tape x 700 Series Hose Barb Adapter	50	400	—	—	1.28	0.036

Pro-Loc™ Tape Fittings Feature a Blue Nut for Easy Identification

# Drip Tape Fittings

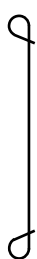
## Pro-Loc™ Tape Fittings Cont... (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Tape x Tubing Assembly</b>							
 FTAS-CL12B	5/8" Pro-Loc Tapex 400B w/12" tubing assembly	—	550	—	—	1.28	0.036
FTAS-CL18B	5/8" Pro-Loc Tapex 400B w/18" tubing assembly	—	500	—	—	1.28	0.036
FTAS-CL24B	5/8" Pro-Loc Tapex 400B w/24" tubing assembly	—	450	—	—	1.28	0.036
FTAS-CL30B	5/8" Pro-Loc Tapex 400B w/30" tubing assembly	—	400	—	—	1.28	0.036
<b>Tees</b>							
 FTT500	5/8" Tape Tee	50	200	—	—	1.28	0.036
FTT700	7/8" Tape Tee	50	150	—	—	1.28	0.036
<b>Barbed Tees</b>							
 FTT5-500HB	5/8" Tape Tee x 500 Series Hose Barb	50	300	—	—	1.28	0.036
FTT5-700HB	5/8" Tape Tee x 700 Series Hose Barb	50	300	—	—	1.28	0.036
<b>Shutoff Valves</b>							
 FTV500	5/8" Tape Shutoff Valve	50	250	—	—	1.28	0.036
FTV700	7/8" Tape Shutoff Valve	—	400	—	—	1.28	0.036
<b>250 Series Barb Adapters with Shutoff Valve</b>							
 FTV5-250B	5/8" Tape x 250 Barb Adapter Shutoff Valve	50	350	—	—	1.28	0.036
FTV7-250B	7/8" Tape x 250 Barb Adapter Shutoff Valve	50	300	—	—	1.28	0.036
<b>400 Series Barb Adapters with Shutoff Valve</b>							
 FTV5-400B	5/8" Tape x 400 Barb Adapter Shutoff Valve	50	350	—	—	1.28	0.036
FTV7-400B	7/8" Tape x 400 Barb Adapter Shutoff Valve	50	300	—	—	1.28	0.036
<b>Barbed Shutoff Valve with Locking Nut</b>							
 FTV5-420BN	5/8" Tape x 420 Series Barb with Locking Nut Shutoff Valve	—	400	—	—	1.28	0.036
<b>Barbed Shutoff Valve with Locking Nut</b>							
 FTV5-500HN	5/8" Tape x 500 Series Hose Barb with Locking Nut Shutoff Valve	50	300	—	—	1.28	0.036
FTV5-600HN	5/8" Tape x 600 Series Hose Barb with Locking Nut Shutoff Valve	50	300	—	—	1.28	0.036
<b>Barbed Shutoff Valves</b>							
 FTV5-500HB	5/8" Tape x 500 Series Hose Barb Shutoff Valve	50	350	—	—	1.28	0.036
FTV7-500HB	7/8" Tape x 500 Series Hose Barb Shutoff Valve	—	400	—	—	1.28	0.036
<b>Layflat Takeoff Shutoff Valve</b>							
 FTV5-LF	5/8" Tape x Layflat Takeoff Shutoff Valve	50	200	—	—	1.28	0.036
FTV7-LF	7/8" Tape x Layflat Takeoff Shutoff Valve	50	200	—	—	1.28	0.036
<b>Layflat Installation Tools</b>							
 LF-INST	T-Handle Hex Tool for Layflat Installation	25	250	—	—	1.28	0.036
LF-CUT14	Layflat Cutter - 14mm BLUE	1	50	23.33	10.60	1.28	0.036
LF-CUT16	Layflat Cutter - 16mm RED	1	50	23.33	10.60	1.28	0.036
LF-CUT19	Layflat Cutter - 19mm GREEN	1	50	23.33	10.60	1.28	0.036
<b>400 Series Barb Tools</b>							
 INS-400XS	400B Cutting and Inserting Tool - Extra Short	10	80	25.43	11.56	1.28	0.036
INS-400S	400B Cutting and Inserting Tool - Short	10	80	25.43	11.56	1.28	0.036
INS-400AS	400B Cutting and Inserting Tool with Adjustable Tip - Short	10	80	25.43	11.56	1.28	0.036
INS-400AL	400B Cutting and Inserting Tool with Adjustable Tip - Long	10	80	25.43	11.56	1.28	0.036
TIP-400XS	400B Replacement Tip - ExtraShort	27	216	25.43	11.56	1.28	0.036
TIP-400S	400B Replacement Tip - Short	27	216	25.43	11.56	1.28	0.036
TIP-400AS	400B Replacement Adjustable Tip - Short	27	216	25.43	11.56	1.28	0.036
TIP-400AL	400B Replacement Adjustable Tip - Long	24	192	25.43	11.56	1.28	0.036

## Pro-Loc™ Tape Fittings Feature a Blue Nut for Easy Identification

Pro-Loc™ Fittings Selection Chart					
Nominal Size ID	Series Number	Inside Diameter Tolerance		Wall Thickness Tolerance	
		Inches	Millimeters	Inches	Millimeters
16mm & 17mm	500	0.519 - 0.590	13.2 - 15.0	0.020 - 0.055	0.50 - 1.40
18mm	600	0.598 - 0.649	15.2 - 16.5	0.030 - 0.055	0.75 - 1.40
20mm	700	0.677 - 0.728	17.2 - 18.5	0.032 - 0.055	0.80 - 1.40
22mm	800	0.787 - 0.846	20.0 - 21.5	0.040 - 0.059	1.00 - 1.50

## Drip Tape Accessories



### Tape Fitting Accessories (Category VIII)

◇ **MADE TO ORDER.** US\$ 7,500.00 minimum order value will apply. Toro Ag Customer Service will confirm by Fax that the order has been accepted and the estimated date of delivery.

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Wire Ties &amp; Handles</b>							
FMH08-1	Wire tie handle	1	24	8.0	3.63	0.20	0.006
FWA01-5000	Stainless steel wire tie, 18 gauge, 6" long, 5000 quantity	—	5,000	22.0	9.98	0.91	0.026
FWA02-5000	Galvanized steel wire tie, 18 gauge, 6" long, 5000 quantity	—	5,000	24.0	10.89	0.64	0.018
FWA03-5000	Stainless steel wire tie, 18 gauge, 7" long, 5000 quantity	—	5,000	—	—	—	—
FWA04-5000	Stainless steel wire tie, 18 gauge, 8" long, 5000 quantity	—	5,000	—	—	—	—
◇ FWA05-5000	Galvanized steel wire tie, 16 gauge, 10" long, 5000 quantity	—	5,000	—	—	—	—
<b>Hose Punch</b>							
FHP16	Oval hose punch, steel	1	—	—	—	—	—
<b>Threaded Cap &amp; Washers</b>							
FEP1380	3/4" FHT Cap w/ Washer	100	1,200	Call Toro Ag Customer Service			
FEP1376	3/4" Washer w/ Screen	—	5,000	25.0	11	2	0.042
FEP1377	3/4" Washer	—	7,000	22.0	10	1	0.028

## Drip Tape Fittings

### Tape Fittings, Ring-Loc™ (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Coupling, Tape X Tape Ring-Loc</b>							
FCC98	5/8" Ring-Loc X 5/8" Ring-Loc	100	1,000	23.0	10	1.35	0.038
<b>Reducer Coupling, Hose (ID) Loc-Eze X Tape Ring-Loc</b>							
FCR1698	16mm Loc-Eze X 5/8" Ring-Loc	100	1,000	24.0	11	1.35	0.038
<b>Elbow, Tape X Tape Ring-Loc</b>							
FEE98	5/8" Ring-Loc X 5/8" Ring-Loc	100	700	21.0	10	1.35	0.038
<b>Tee, Tape Ring-Loc X Tape Ring-Loc X Tape Ring-Loc</b>							
FTT98	5/8" X 5/8" X 5/8" Ring-Loc	100	500	22.0	10	1.35	0.038
<b>Adapter Tee, 3/4" FHT Swivel X Tape Ring-Loc X Tape Ring-Loc</b>							
FTS98	3/4" FHT Swivel w/screen X 5/8" Tape Ring-Loc X 5/8" Tape Ring-Loc						
FTS98-1	3/4" FHT Swivel w/washer X 5/8" Tape Ring-Loc X 5/8" Tape Ring-Loc						
<b>Hose End, 3/4" MHT X Tape Ring-Loc</b>							
FJJ98	3/4" MHT X 5/8" Tape Ring-Loc with cap						
FJA98	3/4" MHT X 5/8" Tape Ring-Loc w/o cap						
FEP1380	3/4" FHT Cap w/ Washer						
<b>Adapters Coupling, 1/2" MPT X Tape Ring-Loc</b>							
FAM98	1/2" MPT x 5/8" Tape Ring-Loc w/out cap						
<b>Adapter Coupling, 3/4" FHT Swivel X 5/8" Tape Ring-Loc</b>							
FAS98	3/4" FHT Swivel w/screen X 5/8" Tape Ring-Loc						
<b>Hose Connector, Barb X Tape Ring-Loc</b>							
FCA0598	5mm or 6mm Barb X 5/8" Tape Ring-Loc	100	1,500	20.0	9	1.35	0.038
FCA0798	7mm Barb X 5/8" Tape Ring-Loc	100	1,500	22.0	10	1.35	0.038
<b>Rubber Grommet, takeoff for PVC X 7mm Barb</b>							
FGP10	Rubber Grommet for 7mm Barb (for use with FCA fittings), use drill bit size 9/16"	—	5,000	22.0	10	0.92	0.026
<b>Replacement Ring-Loc Rings</b>							
FEP3198	Replacement Ring-Loc for 5/8" Tape fittings	—	6,000	26.0	11.79	1.35	0.038

Shaded area indicates products being discontinued. Limited to available stocks on hand.



## Drip Tape Fittings

### Take-off Fittings, Tape Riser Assembly

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Box		Lbs.	Kilos	Ft.	M.



#### Take-off Adaptors

XP-13x13	13 mm grommet inlet x 13mm takeoff	1600		18.0	8.16	—	—
XP-13x14	13 mm grommet inlet x 14mm takeoff	1600		22.0	9.98	—	—
XP-13x15	13 mm grommet inlet x 15 mm takeoff	1400		21.0	9.53	—	—
XP-16x16	16 mm grommet inlet x 16 mm takeoff	1000		18.0	8.16	—	—
XP-16x18	16 mm grommet inlet x 18 mm takeoff	1000		22.0	9.98	—	—
XP-19x21	19 mm grommet inlet x 21 mm takeoff	800		21.0	9.53	—	—
XP-19x25	19 mm grommet inlet x 25 mm takeoff	600		19.0	8.62	—	—

#### Drill Bit for Take-Off Adaptors

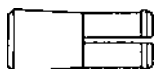
ANT-51848	Drill bit for Take-Off Adapter 13 mm
ANT-51858	Drill bit for Take-Off Adapter 16 mm
ANT-51868	Drill bit for Take-Off Adapter 19 mm

#### Rubber Grommets



CAP-13	Rubber grommet 13mm	5500		23.0	10.43	—	—
CAP-16	Rubber Grommet 16mm	2700		23.0	10.43	—	—
CAP-19	Rubber Grommet 19mm	1000		23.0	10.43	—	—

#### Wedge Plug



FTC10	10mm Wedge Plug, PVC drill size 15/32", poly drill size 29/64", min PVC size 3/4" 20mm	100	5,000	18.0	8,2	1.35	0.038
FTC13	13mm Wedge Plug, PVC drill size 19/32", poly drill size 37/64", min PVC size 1" 25mm	100	3,000	18.0	8,2	1.35	0.038
FTC16	16mm Wedge Plug, PVC drill size 23/32", poly drill size 45/64", min PVC size 1-1/4" 32mm	100	2,200	18.0	8,2	1.35	0.038

### Flush Valves (Category VI)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.

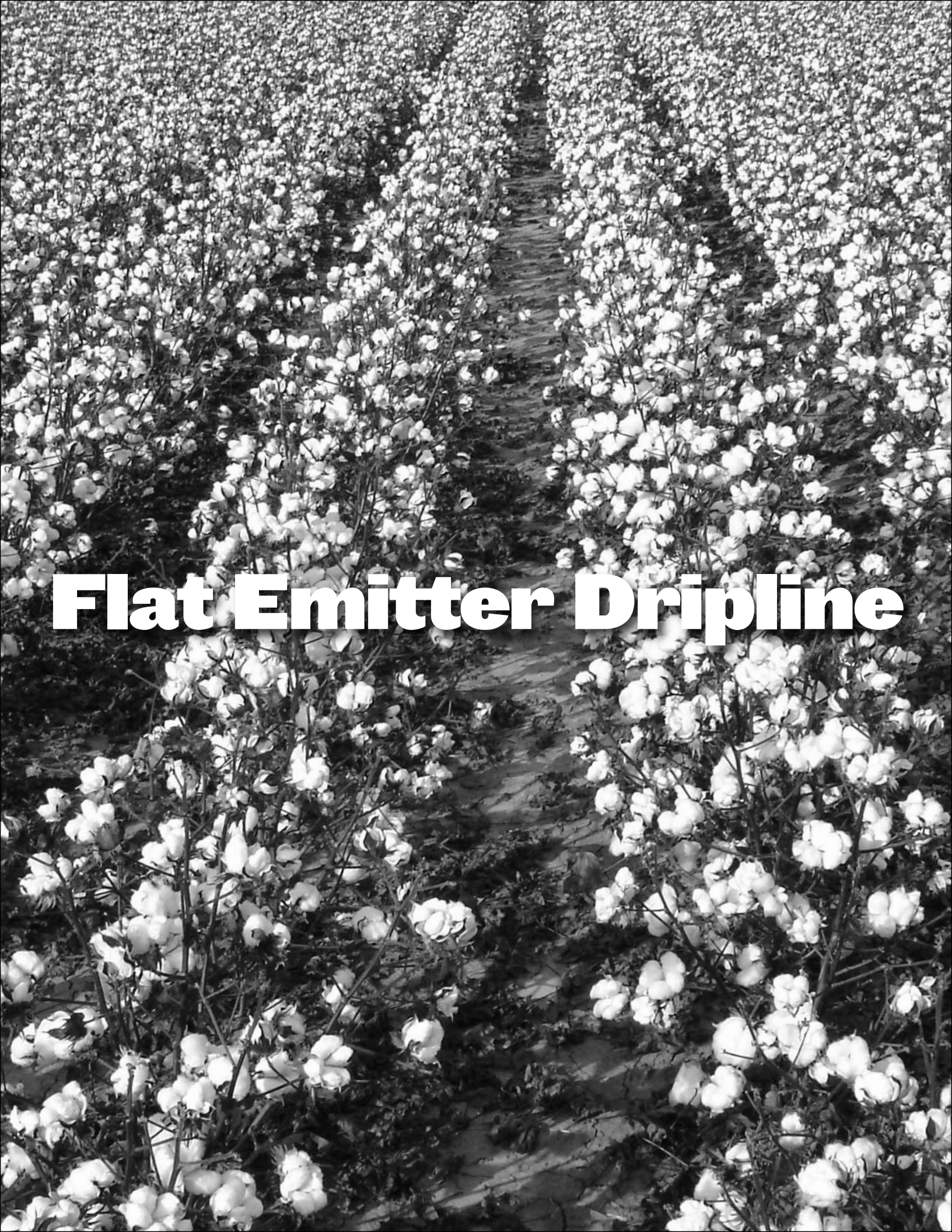


#### Flush Valve

FCH-H-FIPT	3/4"FPT, .8 gpm, 2 psi Sealing Pressure, Flush Valve	1	—	—	—	—	—
FCH-H-FHT	3/4"FHT, .8 gpm, 2 psi Sealing Pressure, Flush Valve	50	1,200	25	11.3	1.81	0.051

#### Ordering Information:

◇ = MADE TO ORDER. Minimum order quantity will apply. Please consult Toro Ag Customer Service for availability.



# Flat Emitter Dripline

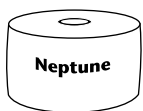
# Flat Emitter Dripline

## Neptune (Category XIII)

### Non-Pressure Compensating Flat Emitter Dripline

◇ **MADE TO ORDER.** US\$ 7,500.00 minimum order value will apply. Toro Ag Customer Service will confirm by Fax that the order has been accepted and the estimated date of delivery.

Flow rate expressed in gpm per emitter at 8 PSI (lph per emitter at 0.55 bar)

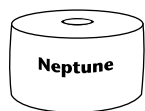


Part Number	Available Flow Rates (gph)	Available Flow Rates (lph)	Wall Thickness		Reel Length		Reel Weight		Spacing		Reel	
			mil	mm	Ft.	M	Lbs.	Kilos	in	cm	Dia.	Height
<b>5/8" Diameter</b>												
TW50608xx-740	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	7,400	2,256	-	-	8	20	-	-
TW50612xx-940	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	9,400	2,865	-	-	12	30	-	-
TW50614xx-940	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	9,400	2,865	-	-	14	35	-	-
TW50616xx-940	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	9,400	2,865	-	-	16	40	-	-
TW50618xx-940	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	9,400	2,865	-	-	18	45	-	-
TW50620xx-940	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	9,400	2,865	-	-	20	50	-	-
TW50624xx-1000	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	10,000	3,048	-	-	24	60	-	-
TW50628xx-1000	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	10,000	3,048	-	-	28	71	-	-
TW50630xx-1000	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	10,000	3,048	-	-	30	76	-	-
TW50636xx-1000	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	10,000	3,048	-	-	36	91	-	-
◇ TW50808xx-640	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	6,400	1,950	-	-	8	20	-	-
◇ TW50812xx-750	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	7,500	2,286	-	-	12	30	-	-
◇ TW50814xx-750	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	7,500	2,286	-	-	14	35	-	-
◇ TW50816xx-750	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	7,500	2,286	-	-	16	40	-	-
◇ TW50818xx-750	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	7,500	2,286	-	-	18	45	-	-
◇ TW50820xx-750	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	7,500	2,286	-	-	20	50	-	-
◇ TW50824xx-750	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	7,500	2,286	-	-	24	60	-	-
◇ TW50828xx-750	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	7,500	2,286	-	-	28	71	-	-
◇ TW50830xx-750	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	7,500	2,286	-	-	30	76	-	-
◇ TW50836xx-750	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	7,500	2,286	-	-	36	91	-	-
◇ TW51008xx-560	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	5,600	1,707	-	-	8	20	-	-
◇ TW51012xx-620	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	6,200	1,890	-	-	12	30	-	-
◇ TW51014xx-620	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	6,200	1,890	-	-	14	35	-	-
◇ TW51016xx-620	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	6,200	1,890	-	-	16	40	-	-
◇ TW51018xx-620	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	6,200	1,890	-	-	18	45	-	-
◇ TW51020xx-620	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	6,200	1,890	-	-	20	50	-	-
◇ TW51024xx-620	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	6,200	1,890	-	-	24	60	-	-
◇ TW51028xx-620	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	6,200	1,890	-	-	28	71	-	-
◇ TW51030xx-620	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	6,200	1,890	-	-	30	76	-	-
◇ TW51036xx-620	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	6,200	1,890	-	-	36	91	-	-
◇ TW51308xx-430	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,300	1,311	-	-	8	20	-	-
◇ TW51312xx-470	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,700	1,433	-	-	12	30	-	-
◇ TW51314xx-470	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,700	1,433	-	-	14	35	-	-
◇ TW51316xx-470	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,700	1,433	-	-	16	40	-	-
◇ TW51318xx-470	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,700	1,433	-	-	18	45	-	-
◇ TW51320xx-470	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,700	1,433	-	-	20	50	-	-
◇ TW51324xx-470	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,700	1,433	-	-	24	60	-	-
◇ TW51328xx-470	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,700	1,433	-	-	28	71	-	-
◇ TW51330xx-470	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,700	1,433	-	-	30	76	-	-
◇ TW51336xx-470	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,700	1,433	-	-	36	91	-	-
◇ TW51508xx-390	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	3,900	1,189	-	-	8	20	-	-
◇ TW51512xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	4,200	1,280	-	-	12	30	-	-
◇ TW51514xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	4,200	1,280	-	-	14	35	-	-
◇ TW51516xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	4,200	1,280	-	-	16	40	-	-
◇ TW51518xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	4,200	1,280	-	-	18	45	-	-
◇ TW51520xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	4,200	1,280	-	-	20	50	-	-
◇ TW51524xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	4,200	1,280	-	-	24	60	-	-
◇ TW51528xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	4,200	1,280	-	-	28	71	-	-
◇ TW51530xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	4,200	1,280	-	-	30	76	-	-
◇ TW51536xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	4,200	1,280	-	-	36	91	-	-
◇ TW51808xx-290	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,900	884	-	-	8	20	-	-
◇ TW51812xx-310	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	3,100	945	-	-	12	30	-	-
◇ TW51814xx-310	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	3,100	945	-	-	14	35	-	-
◇ TW51816xx-310	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	3,100	945	-	-	16	40	-	-
◇ TW51818xx-310	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	3,100	945	-	-	18	45	-	-
◇ TW51820xx-310	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	3,100	945	-	-	20	50	-	-
◇ TW51824xx-310	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	3,100	945	-	-	24	60	-	-
◇ TW51828xx-310	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	3,100	945	-	-	28	71	-	-
◇ TW51830xx-310	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	3,100	945	-	-	30	76	-	-
◇ TW51836xx-310	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	3,100	945	-	-	36	91	-	-
◇ TW52408xx-200	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	2,000	610	-	-	8	20	-	-
◇ TW52412xx-200	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	2,000	610	-	-	12	30	-	-
◇ TW52414xx-200	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	2,000	610	-	-	14	35	-	-
◇ TW52416xx-200	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	2,000	610	-	-	16	40	-	-
◇ TW52418xx-200	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	2,000	610	-	-	18	45	-	-
◇ TW52420xx-200	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	2,000	610	-	-	20	50	-	-
◇ TW52424xx-200	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	2,000	610	-	-	24	60	-	-
◇ TW52428xx-200	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	2,000	610	-	-	28	71	-	-</

# Flat Emitter Dripline

## Neptune (Category XIII) Non-Pressure Compensating Flat Emitter Dripline

MADE TO ORDER. US\$ 7,500.00 minimum order value will apply. Toro Ag Customer Service will confirm by Fax that the order has been accepted and the estimated date of delivery.  
Flow rate expressed in gpm per emitter at 8 PSI (lph per emitter at 0.55 bar)



Part Number	Available Flow Rates (gph)	Available Flow Rates (lph)	Wall Thickness		Reel Length		Reel Weight		Spacing		Reel Dia. Height	
			mil	mm	Ft.	M	Lbs.	Kilos	in	cm		
<b>7/8" Diameter (22mm)</b>												
TW70608xx-530	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	5,300	1,615	-	-	8	20	-	-
TW70612xx-660	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	6,600	2,012	-	-	12	30	-	-
TW70614xx-738	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	7,380	2,249	-	-	14	35	-	-
TW70616xx-738	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	7,380	2,249	-	-	16	40	-	-
TW70618xx-738	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	7,380	2,249	-	-	18	45	-	-
TW70620xx-738	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	7,380	2,249	-	-	20	50	-	-
TW70624xx-738	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	7,380	2,249	-	-	24	60	-	-
TW70628xx-738	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	7,380	2,249	-	-	28	71	-	-
TW70630xx-738	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	7,380	2,249	-	-	30	76	-	-
TW70636xx-738	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	6 mil	0.15	7,380	2,249	-	-	36	91	-	-
TW70808xx-440	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	4,400	1,341	-	-	8	20	-	-
TW70812xx-520	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	5,200	1,585	-	-	12	30	-	-
TW70814xx-520	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	5,200	1,585	-	-	14	35	-	-
TW70816xx-520	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	5,200	1,585	-	-	16	40	-	-
TW70818xx-520	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	5,200	1,585	-	-	18	45	-	-
TW70820xx-520	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	5,200	1,585	-	-	20	50	-	-
TW70824xx-520	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	5,200	1,585	-	-	24	60	-	-
TW70828xx-520	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	5,200	1,585	-	-	28	71	-	-
TW70830xx-520	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	5,200	1,585	-	-	30	76	-	-
TW70836xx-520	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	8 mil	0.20	5,200	1,585	-	-	36	91	-	-
TW71008xx-420	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,200	1,280	-	-	8	20	-	-
TW71012xx-490	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,900	1,494	-	-	12	30	-	-
TW71014xx-490	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,900	1,494	-	-	14	35	-	-
TW71016xx-490	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,900	1,494	-	-	16	40	-	-
TW71018xx-490	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,900	1,494	-	-	18	45	-	-
TW71020xx-490	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,900	1,494	-	-	20	50	-	-
TW71024xx-490	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,900	1,494	-	-	24	60	-	-
TW71028xx-490	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,900	1,494	-	-	28	71	-	-
TW71030xx-490	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,900	1,494	-	-	30	76	-	-
TW71036xx-490	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	10 mil	0.25	4,900	1,494	-	-	36	91	-	-
TW71308xx-350	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	3,500	1,067	-	-	8	20	-	-
TW71312xx-400	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,000	1,219	-	-	12	30	-	-
TW71314xx-400	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,000	1,219	-	-	14	35	-	-
TW71316xx-400	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,000	1,219	-	-	16	40	-	-
TW71318xx-400	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,000	1,219	-	-	18	45	-	-
TW71320xx-400	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,000	1,219	-	-	20	50	-	-
TW71324xx-400	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,000	1,219	-	-	24	60	-	-
TW71328xx-400	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,000	1,219	-	-	28	71	-	-
TW71330xx-400	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,000	1,219	-	-	30	76	-	-
TW71336xx-400	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	13 mil	0.33	4,000	1,219	-	-	36	91	-	-
TW71508xx-240	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,400	732	-	-	8	20	-	-
TW71512xx-270	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,700	823	-	-	12	30	-	-
TW71514xx-270	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,700	823	-	-	14	35	-	-
TW71516xx-270	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,700	823	-	-	16	40	-	-
TW71518xx-270	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,700	823	-	-	18	45	-	-
TW71520xx-270	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,700	823	-	-	20	50	-	-
TW71524xx-270	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,700	823	-	-	24	60	-	-
TW71528xx-270	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,700	823	-	-	28	71	-	-
TW71530xx-270	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,700	823	-	-	30	76	-	-
TW71536xx-270	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	15 mil	0.38	2,700	823	-	-	36	91	-	-
TW71808xx-190	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	1,900	579	-	-	8	20	-	-
TW71812xx-210	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,100	640	-	-	12	30	-	-
TW71814xx-210	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,100	640	-	-	14	35	-	-
TW71816xx-210	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,100	640	-	-	16	40	-	-
TW71818xx-210	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,100	640	-	-	18	45	-	-
TW71820xx-210	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,100	640	-	-	20	50	-	-
TW71824xx-210	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,100	640	-	-	24	60	-	-
TW71828xx-210	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,100	640	-	-	28	71	-	-
TW71830xx-210	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,100	640	-	-	30	76	-	-
TW71836xx-210	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	18 mil	0.46	2,100	640	-	-	36	91	-	-
TW72408xx-130	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	1,300	396	-	-	8	20	-	-
TW72412xx-140	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	1,400	427	-	-	12	30	-	-
TW72414xx-140	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	1,400	427	-	-	14	35	-	-
TW72416xx-140	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	1,400	427	-	-	16	40	-	-
TW72418xx-140	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	1,400	427	-	-	18	45	-	-
TW72420xx-140	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	1,400	427	-	-	20	50	-	-
TW72424xx-140	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	1,400	427	-	-	24	60	-	-
TW72428xx-140	0.16; 0.25; 0.30; 0.47; 0.75	0.60; 0.95; 1.14; 1.78; 2.83	24 mil	0.61	1,400	427	-	-	28	71	-	-
TW72430xx-140	0.16; 0.25; 0.30; 0											

# Flat Emitter Dripline

## Flow Rates

Available in 6, 8, 10, 13, 15, 18 and 24 mil wall thicknesses

Emitter Flow Part Number	Outlet		Individual Emitter Flow Rate					Q-100				
	Spacing		gph		lph			gpm / 100 ft		lph / 1 meter		
	in	cm	@ 8 PSI	@ 10 PSI	@ 0.55 bar	@ 0.7 bar	@ 1 bar	@ 8 PSI	@ 10 PSI	@ 0.55 bar	@ 0.7 bar	@ 1 bar
<b>0.16 GPH @ 8 PSI</b>												
TWXxx0816	8"	20	0.16	0.18	0.60	0.67	0.80	0.40	0.44	2.94	3.30	3.94
TWXxx1216	12"	30	0.16	0.18	0.60	0.67	0.80	0.26	0.29	1.96	2.20	2.62
TWXxx1416	14"	35	0.16	0.18	0.60	0.67	0.80	0.23	0.25	1.68	1.88	2.25
TWXxx1616	16"	40	0.16	0.18	0.60	0.67	0.80	0.20	0.22	1.47	1.65	1.97
TWXxx1816	18"	45	0.16	0.18	0.60	0.67	0.80	0.18	0.20	1.31	1.47	1.75
TWXxx2016	20"	50	0.16	0.18	0.60	0.67	0.80	0.16	0.18	1.18	1.32	1.57
TWXxx2416	24"	60	0.16	0.18	0.60	0.67	0.80	0.13	0.15	0.98	1.10	1.31
<b>0.25 GPH @ 8 PSI</b>												
TWXxx0825	8"	20	0.25	0.29	0.95	1.08	1.30	0.64	0.71	4.66	5.31	6.40
TWXxx1225	12"	30	0.25	0.29	0.95	1.08	1.30	0.42	0.47	3.10	3.54	4.27
TWXxx1425	14"	35	0.25	0.29	0.95	1.08	1.30	0.36	0.41	2.66	3.03	3.66
TWXxx1625	16"	40	0.25	0.29	0.95	1.08	1.30	0.32	0.36	2.33	2.65	3.20
TWXxx1825	18"	45	0.25	0.29	0.95	1.08	1.30	0.28	0.32	2.07	2.36	2.84
TWXxx2025	20"	50	0.25	0.29	0.95	1.08	1.30	0.25	0.28	1.86	2.12	2.56
TWXxx2425	24"	60	0.25	0.29	0.95	1.08	1.30	0.21	0.24	1.55	1.77	2.13
<b>0.30 GPH @ 8 PSI</b>												
TWXxx0830	8"	20	0.30	0.34	1.14	1.27	1.56	0.75	0.85	5.59	6.24	7.68
TWXxx1230	12"	30	0.30	0.34	1.14	1.27	1.56	0.50	0.57	3.73	4.16	5.12
TWXxx1430	14"	35	0.30	0.34	1.14	1.27	1.56	0.43	0.49	3.19	3.57	4.39
TWXxx1630	16"	40	0.30	0.34	1.14	1.27	1.56	0.38	0.43	2.79	3.12	3.84
TWXxx1830	18"	45	0.30	0.34	1.14	1.27	1.56	0.33	0.38	2.48	2.77	3.41
TWXxx2030	20"	50	0.30	0.34	1.14	1.27	1.56	0.30	0.34	2.24	2.50	3.07
TWXxx2430	24"	60	0.30	0.34	1.14	1.27	1.56	0.25	0.28	1.86	2.08	2.56
<b>0.47 GPH @ 8 PSI</b>												
TWXxx0847	8"	20	0.47	0.53	1.78	1.99	2.40	1.17	1.31	8.76	9.78	11.81
TWXxx1247	12"	30	0.47	0.53	1.78	1.99	2.40	0.78	0.87	5.84	6.52	7.87
TWXxx1447	14"	35	0.47	0.53	1.78	1.99	2.40	0.67	0.75	5.00	5.59	6.75
TWXxx1647	16"	40	0.47	0.53	1.78	1.99	2.40	0.59	0.66	4.38	4.89	5.91
TWXxx1847	18"	45	0.47	0.53	1.78	1.99	2.40	0.52	0.58	3.89	4.35	5.25
TWXxx2047	20"	50	0.47	0.53	1.78	1.99	2.40	0.47	0.52	3.50	3.91	4.72
TWXxx2447	24"	60	0.47	0.53	1.78	1.99	2.40	0.39	0.44	2.92	3.26	3.94
<b>0.75 GPH @ 8 PSI</b>												
TWXxx0875	8"	20	0.75	0.84	2.83	3.16	3.80	1.87	2.09	13.92	15.56	18.70
TWXxx1275	12"	30	0.75	0.84	2.83	3.16	3.80	1.24	1.39	9.28	10.37	12.47
TWXxx1475	14"	35	0.75	0.84	2.83	3.16	3.80	1.07	1.19	7.95	8.89	10.69
TWXxx1675	16"	40	0.75	0.84	2.83	3.16	3.80	0.93	1.04	6.96	7.78	9.35
TWXxx1875	18"	45	0.75	0.84	2.83	3.16	3.80	0.83	0.93	6.18	6.91	8.31
TWXxx2075	20"	50	0.75	0.84	2.83	3.16	3.80	0.75	0.83	5.57	6.22	7.48
TWXxx2475	24"	60	0.75	0.84	2.83	3.16	3.80	0.62	0.70	4.64	5.19	6.23

X - denotes 5 for 5/8" diameter, 7 for 7/8" diameter

xx - denotes mil thickness

Nominal flow per emitter at 8 PSI





**Dripline**

# Dripline

**BLUELINE® PC**  
PREMIUM PRESSURE COMPENSATING DRIPLINE

## BlueLine® PC (Category II)

Pressure Compensating Dripline with the Blue Stripe® of Quality

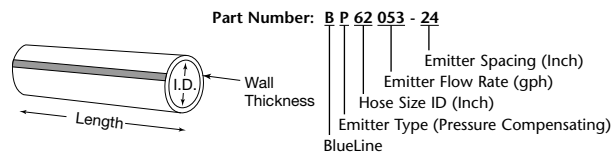
- ◇ **MADE TO ORDER.** 60,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm by email that the order has been accepted and the estimated date of delivery. Custom emitter spacing available. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.

*Flow rate expressed gph per individual emitter @ 30 psi (2 Bar)*

Part Number	Available Flow Rates	Emitter Spacing	Coil Length		Shipping Weight		Qty per Pallet	Qty per Truck		
			Ft.	M.	Lbs.	Kilos.		Pallet	Loose	
<b>0.550" (16mm OD) PC Dripline (0.550" ID x 0.640" OD x 0.045" Wall)</b>										
◇ BP55xxx-12	0.26; 0.40; 0.53; 1.06 gph	12"	1,000	305	38.5	17.5	20	555	655	
◇ BP55xxx-15	0.26; 0.40; 0.53; 1.06 gph	15"	1,000	305	38	17.2	20	555	655	
◇ BP55xxx-18	0.26; 0.40; 0.53; 1.06 gph	18"	1,000	305	37	16.8	20	555	655	
◇ BP55xxx-24	0.26; 0.40; 0.53; 1.06 gph	24"	1,000	305	36	16.3	20	555	655	
◇ BP55xxx-30	0.26; 0.40; 0.53; 1.06 gph	30"	1,000	305	36	16.3	20	555	655	
◇ BP55xxx-36	0.26; 0.40; 0.53; 1.06 gph	36"	1,000	305	35	15.9	20	555	655	
◇ BP55xxx-42	0.26; 0.40; 0.53; 1.06 gph	42"	1,000	305	35	15.9	20	555	655	
◇ BP55xxx-48	0.26; 0.40; 0.53; 1.06 gph	48"	1,000	305	35	15.9	20	555	655	
◇ BP55xxx-54	0.26; 0.40; 0.53; 1.06 gph	54"	1,000	305	35	15.9	20	555	655	
◇ BP55xxx-60	0.26; 0.40; 0.53; 1.06 gph	60"	1,000	305	35	15.9	20	555	655	
◇ BP55xxx-66	0.26; 0.40; 0.53; 1.06 gph	66"	1,000	305	35	15.9	20	555	655	
◇ BP55xxx-72	0.26; 0.40; 0.53; 1.06 gph	72"	1,000	305	35	15.9	20	555	655	
<b>0.620" (18mm OD) PC Dripline (0.620" ID x 0.710" OD x 0.045" Wall)</b>										
◇ BP62xxx-08	0.26; 0.40; 0.53; 1.06 gph	8"	1,000	305	43	19.5	20	500	600	
◇ BP62xxx-10	0.26; 0.40; 0.53; 1.06 gph	10"	1,000	305	43	19.5	20	500	600	
◇ BP62xxx-12	0.26; 0.40; 0.53; 1.06 gph	12"	1,000	305	43	19.5	20	500	600	
◇ BP62xxx-15	0.26; 0.40; 0.53; 1.06 gph	15"	1,000	305	42.5	19.3	20	500	600	
◇ BP62xxx-18	0.26; 0.40; 0.53; 1.06 gph	18"	1,000	305	42	19.1	20	500	600	
◇ BP62xxx-24	0.26; 0.40; 0.53; 1.06 gph	24"	1,000	305	41	18.6	20	500	600	
◇ BP62xxx-30	0.26; 0.40; 0.53; 1.06 gph	30"	1,000	305	40	18.1	20	500	600	
◇ BP62xxx-36	0.26; 0.40; 0.53; 1.06 gph	36"	1,000	305	40	18.1	20	500	600	
◇ BP62xxx-42	0.26; 0.40; 0.53; 1.06 gph	42"	1,000	305	39	17.7	20	500	600	
◇ BP62xxx-48	0.26; 0.40; 0.53; 1.06 gph	48"	1,000	305	39	17.7	20	500	600	
◇ BP62xxx-54	0.26; 0.40; 0.53; 1.06 gph	54"	1,000	305	39	17.7	20	500	600	
◇ BP62xxx-60	0.26; 0.40; 0.53; 1.06 gph	60"	1,000	305	39	17.7	20	500	600	
◇ BP62xxx-66	0.26; 0.40; 0.53; 1.06 gph	66"	1,000	305	39	17.7	20	500	600	
◇ BP62xxx-72	0.26; 0.40; 0.53; 1.06 gph	72"	1,000	305	39	17.7	20	500	600	
<b>0.710" (20mm OD) PC Dripline (0.710" ID x 0.805" OD x 0.048" Wall)</b>										
◇ BP71xxx-12	0.26; 0.40; 0.53; 1.06 gph	12"	1,000	305	52	23.6	16	400	470	
◇ BP71xxx-15	0.26; 0.40; 0.53; 1.06 gph	15"	1,000	305	52.5	23.8	16	400	470	
◇ BP71xxx-18	0.26; 0.40; 0.53; 1.06 gph	18"	1,000	305	50	22.7	16	400	470	
◇ BP71xxx-24	0.26; 0.40; 0.53; 1.06 gph	24"	1,000	305	49	22.2	16	400	470	
◇ BP71xxx-30	0.26; 0.40; 0.53; 1.06 gph	30"	1,000	305	48	21.8	16	400	470	
◇ BP71xxx-36	0.26; 0.40; 0.53; 1.06 gph	36"	1,000	305	48	21.8	16	400	470	
◇ BP71xxx-42	0.26; 0.40; 0.53; 1.06 gph	42"	1,000	305	47	21.3	16	400	470	
◇ BP71xxx-48	0.26; 0.40; 0.53; 1.06 gph	48"	1,000	305	47	21.3	16	400	470	
◇ BP71xxx-54	0.26; 0.40; 0.53; 1.06 gph	54"	1,000	305	47	21.3	16	400	470	
◇ BP71xxx-60	0.26; 0.40; 0.53; 1.06 gph	60"	1,000	305	47	21.3	16	400	470	
◇ BP71xxx-66	0.26; 0.40; 0.53; 1.06 gph	66"	1,000	305	47	21.3	16	400	470	
◇ BP71xxx-72	0.26; 0.40; 0.53; 1.06 gph	72"	1,000	305	47	21.3	16	400	470	



xxx Denotes emitter flow rate in gph at 30psi. Substitute xxx, with the flow rate required.



### Ordering Information:

- BlueLine hose is manufactured I.D. controlled.
- BlueLine 0.620" ID (18mm OD) is compatible with 0.620" (16mm) ID Loc Eze Fittings. Please refer to Hose Fittings Section.
- BlueLine hose is equivalent to:
  - BlueLine 0.550" ID (16mm OD) EHD1443 Blue Stripe® Round Hose
  - BlueLine 0.620" ID (18mm OD) EHD1643 Blue Stripe® Round Hose
  - BlueLine 0.710" ID (20mm OD) EHD1845 Blue Stripe® Round Hose



# Dripline

**BLUELINE® PC**  
PREMIUM PRESSURE COMPENSATING DRIPLINE

## BlueLine® PC (Metric) (Category II)

Pressure Compensating Dripline with the Blue Stripe® of Quality

◇ **MADE TO ORDER.** 18,288 Mtr. (60,000 Ft.) minimum order quantity will apply. Toro Ag Customer Service will confirm by email that the order has been accepted and the estimated date of delivery. Custom emitter spacing available. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.

*Flow rate expressed gph per individual emitter @ 2 Bar (30 psi)*

Part Number	Available Flow Rates	Emitter Spacing	Coil Length		Shipping Weight		Qty per Truck		Qty per Container	
			Ft.	M.	Lbs.	Kilos.	Palletized	20 Ft.	40Ft.	
<b>16mm OD PC Dripline (13.97mm ID x 16.26mm OD x 1.14mm Wall)</b>										
◇ BP16xx-30CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	30cm	1,310	400	50.5	22.9	365	160	320	
◇ BP16xx-40CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	40cm	1,310	400	49	22.2	365	160	320	
◇ BP16xx-50CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	50cm	1,310	400	48	21.8	365	160	320	
◇ BP16xx-60CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	60cm	1,310	400	47.5	21.5	365	160	320	
◇ BP16xx-75CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	75cm	1,310	400	47	21.3	365	160	320	
◇ BP16xx-80CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	80cm	1,310	400	47	21.3	365	160	320	
◇ BP16xx-90CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	90cm	1,310	400	46.5	21.1	365	160	320	
◇ BP16xx-100CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	100cm	1,310	400	46	20.9	365	160	320	
◇ BP16xx-120CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	120cm	1,310	400	46	20.9	365	160	320	
◇ BP16xx-150CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	150cm	1,310	400	46	20.9	365	160	320	
◇ BP16xx-200CM-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	200cm	1,310	400	46	20.9	365	160	320	

## 16mm OD PC Dripline (13.97mm ID x 16.26mm OD x 0.9mm Wall)

◇ BP1609xx-30C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	30cm	1,310	400	43.0	19.5	395	180	360	
◇ BP1609xx-40C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	40cm	1,310	400	41.5	18.8	395	180	360	
◇ BP1609xx-50C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	50cm	1,310	400	40.5	18.4	395	180	360	
◇ BP1609xx-60C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	60cm	1,310	400	40.0	18.1	395	180	360	
◇ BP1609xx-75C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	75cm	1,310	400	39.5	17.9	395	180	360	
◇ BP1609xx-80C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	80cm	1,310	400	39.5	17.9	395	180	360	
◇ BP1609xx-90C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	90cm	1,310	400	39.0	17.7	395	180	360	
◇ BP1609xx-100C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	100cm	1,310	400	38.5	17.5	395	180	360	
◇ BP1609xx-120C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	120cm	1,310	400	38.5	17.5	395	180	360	
◇ BP1609xx-150C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	150cm	1,310	400	38.5	17.5	395	180	360	
◇ BP1609xx-200C-400	1,0 ; 1,5 ; 2,0 ; 4,0 lph	200cm	1,310	400	38.5	17.5	395	180	360	

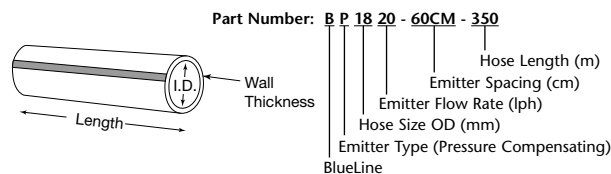
## 18mm OD PC Dripline (15.75mm ID x 18.03mm OD x 1.14mm Wall)

◇ BP18xx-30CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	30cm	1,150	350	50	22.7	470	150	300	
◇ BP18xx-40CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	40cm	1,150	350	48	21.8	470	150	300	
◇ BP18xx-50CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	50cm	1,150	350	47	21.3	470	150	300	
◇ BP18xx-60CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	60cm	1,150	350	47	21.3	470	150	300	
◇ BP18xx-75CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	75cm	1,150	350	46	20.9	470	150	300	
◇ BP18xx-80CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	80cm	1,150	350	46	20.9	470	150	300	
◇ BP18xx-90CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	90cm	1,150	350	46	20.9	470	150	300	
◇ BP18xx-100CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	100cm	1,150	350	45	20.4	470	150	300	
◇ BP18xx-120CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	120cm	1,150	350	45	20.4	470	150	300	
◇ BP18xx-150CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	150cm	1,150	350	45	20.4	470	150	300	
◇ BP18xx-200CM-350	1,0 ; 1,5 ; 2,0 ; 4,0 lph	200cm	1,150	350	45	20.4	470	150	300	

## 20mm OD PC Dripline (18.03mm ID x 20.46mm OD x 1.20mm Wall)

◇ BP20xx-30CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	30cm	1,000	305	52	23.6	400	135	275	
◇ BP20xx-40CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	40cm	1,000	305	50	22.7	400	135	275	
◇ BP20xx-50CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	50cm	1,000	305	49	22.2	400	135	275	
◇ BP20xx-60CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	60cm	1,000	305	48	21.8	400	135	275	
◇ BP20xx-75CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	75cm	1,000	305	48	21.8	400	135	275	
◇ BP20xx-80CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	80cm	1,000	305	47	21.3	400	135	275	
◇ BP20xx-90CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	90cm	1,000	305	47	21.3	400	135	275	
◇ BP20xx-100CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	100cm	1,000	305	47	21.3	400	135	275	
◇ BP20xx-120CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	120cm	1,000	305	47	21.3	400	135	275	
◇ BP20xx-150CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	150cm	1,000	305	47	21.3	400	135	275	
◇ BP20xx-200CM-305	1,0 ; 1,5 ; 2,0 ; 4,0 lph	200cm	1,000	305	47	21.3	400	135	275	

xx Denotes emitter flow rate in lph at 2 bar. Substitute xx, with the flow rate required.



### Ordering Information:

- BlueLine hose is manufactured I.D. controlled.
- BlueLine 0.620" ID (18mm OD) is compatible with 0.620" (16mm) ID Loc Eze Fittings. Please refer to Hose Fittings Section.
- BlueLine hose is equivalent to:
 

BlueLine 0.550" ID (16mm OD)	EHD1443	Blue Stripe® Round Hose
BlueLine 0.620" ID (18mm OD)	EHD1643	Blue Stripe® Round Hose
BlueLine 0.710" ID (20mm OD)	EHD1845	Blue Stripe® Round Hose



To order, call Toro Ag  
Customer Service: + 1(877) 373-0087 or +1 (619) 596-2495

# Dripline

## BLUELINE CLASSIC

PREMIUM DRIPLINE

### BlueLine® Classic™ (Category II)

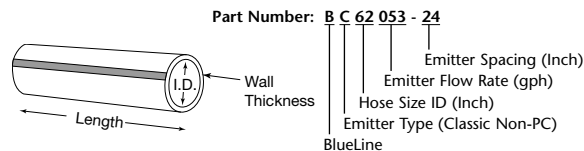
Non-Pressure Compensating Dripline with the Blue Stripe® of Quality

- ◇ **MADE TO ORDER.** 60,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm by email that the order has been accepted and the estimated date of delivery. Custom emitter spacing available. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.

Flow rate expressed gph per individual emitter @ 15 psi (1 Bar)

Part Number	Available Flow Rates	Emitter Spacing	Coil Length		Shipping Weight		Qty per Pallet	Qty per Truck		
			Ft.	M.	Lbs.	Kilos.		Pallet	Loose	
<b>0.550" (16mm OD) Classic Dripline (0.550" ID x 0.640" OD x 0.045" Wall)</b>										
◇ BC55xxx-12	0.53 ; 1.06 gph	12"	1,000	305	43	19.5	20	555	655	
◇ BC55xxx-15	0.53 ; 1.06 gph	15"	1,000	305	43	19.0	20	555	655	
◇ BC55xxx-18	0.53 ; 1.06 gph	18"	1,000	305	40	18.1	20	555	655	
◇ BC55xxx-24	0.53 ; 1.06 gph	24"	1,000	305	39	17.7	20	555	655	
◇ BC55xxx-30	0.53 ; 1.06 gph	30"	1,000	305	38	17.2	20	555	655	
◇ BC55xxx-36	0.53 ; 1.06 gph	36"	1,000	305	37	16.8	20	555	655	
◇ BC55xxx-42	0.53 ; 1.06 gph	42"	1,000	305	36.5	16.6	20	555	655	
◇ BC55xxx-48	0.53 ; 1.06 gph	48"	1,000	305	36	16.3	20	555	655	
◇ BC55xxx-54	0.53 ; 1.06 gph	54"	1,000	305	36	16.3	20	555	655	
◇ BC55xxx-60	0.53 ; 1.06 gph	60"	1,000	305	36	16.3	20	555	655	
◇ BC55xxx-66	0.53 ; 1.06 gph	66"	1,000	305	36	16.3	20	555	655	
◇ BC55xxx-72	0.53 ; 1.06 gph	72"	1,000	305	36	16.3	20	555	655	
<b>0.620" (18mm OD) Classic Dripline (0.620" ID x 0.710" OD x 0.045" Wall)</b>										
◇ BC62xxx-12	0.53 ; 1.06 gph	12"	1,000	305	50	22.7	20	500	600	
◇ BC62xxx-15	0.53 ; 1.06 gph	15"	1,000	305	49	22.2	20	500	600	
◇ BC62xxx-18	0.53 ; 1.06 gph	18"	1,000	305	46	20.9	20	500	600	
◇ BC62xxx-24	0.53 ; 1.06 gph	24"	1,000	305	44	20.0	20	500	600	
◇ BC62xxx-30	0.53 ; 1.06 gph	30"	1,000	305	43	19.5	20	500	600	
◇ BC62xxx-36	0.53 ; 1.06 gph	36"	1,000	305	42	19.1	20	500	600	
◇ BC62xxx-42	0.53 ; 1.06 gph	42"	1,000	305	41	18.6	20	500	600	
◇ BC62xxx-48	0.53 ; 1.06 gph	48"	1,000	305	41	18.6	20	500	600	
◇ BC62xxx-54	0.53 ; 1.06 gph	54"	1,000	305	40.5	18.4	20	500	600	
◇ BC62xxx-60	0.53 ; 1.06 gph	60"	1,000	305	40	18.1	20	500	600	
◇ BC62xxx-66	0.53 ; 1.06 gph	66"	1,000	305	40	18.1	20	500	600	
◇ BC62xxx-72	0.53 ; 1.06 gph	72"	1,000	305	40	18.1	20	500	600	
<b>0.710" (20mm OD) Classic Dripline (0.710" ID x 0.805" OD x 0.048" Wall)</b>										
◇ BC71xxx-12	0.53 ; 1.06 gph	12"	1,000	305	56.5	25.6	16	400	470	
◇ BC71xxx-15	0.53 ; 1.06 gph	15"	1,000	305	56.5	25.0	16	400	470	
◇ BC71xxx-18	0.53 ; 1.06 gph	18"	1,000	305	53	24.0	16	400	470	
◇ BC71xxx-24	0.53 ; 1.06 gph	24"	1,000	305	51	23.1	16	400	470	
◇ BC71xxx-30	0.53 ; 1.06 gph	30"	1,000	305	50	22.7	16	400	470	
◇ BC71xxx-36	0.53 ; 1.06 gph	36"	1,000	305	49	22.2	16	400	470	
◇ BC71xxx-42	0.53 ; 1.06 gph	42"	1,000	305	49	22.2	16	400	470	
◇ BC71xxx-48	0.53 ; 1.06 gph	48"	1,000	305	48	21.8	16	400	470	
◇ BC71xxx-54	0.53 ; 1.06 gph	54"	1,000	305	48	21.8	16	400	470	
◇ BC71xxx-60	0.53 ; 1.06 gph	60"	1,000	305	48	21.8	16	400	470	
◇ BC71xxx-66	0.53 ; 1.06 gph	66"	1,000	305	48	21.8	16	400	470	
◇ BC71xxx-72	0.53 ; 1.06 gph	72"	1,000	305	48	21.8	16	400	470	

xxx Denotes emitter flow rate in gph at 15psi. Substitute xxx, with the flow rate required.



#### Ordering Information:

- BlueLine hose is manufactured I.D. controlled.
- BlueLine 0.620" ID (18mm OD) is compatible with 0.620" (16mm) ID Loc Eze Fittings. Please refer to Hose Fittings Section.
- BlueLine hose is equivalent to:
  - BlueLine 0.550" ID (16mm OD) EHD1443 Blue Stripe® Round Hose
  - BlueLine 0.620" ID (18mm OD) EHD1643 Blue Stripe® Round Hose
  - BlueLine 0.710" ID (20mm OD) EHD1845 Blue Stripe® Round Hose

# Dripline

## BLUELINE CLASSIC

PREMIUM DRIPLINE

### BlueLine® Classic™ (Metric) (Category II)

Non-Pressure Compensating Dripline with the Blue Stripe® of Quality

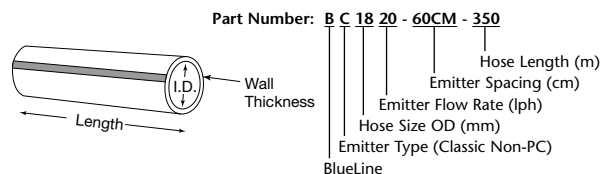
◇ **MADE TO ORDER.** 18,288 Mtr. (60,000 Ft.) minimum order quantity will apply. Toro Ag Customer Service will confirm by email that the order has been accepted and the estimated date of delivery. Custom emitter spacing available. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.

*Flow rate expressed lph per individual emitter @ 1 Bar (1.5 psi)*



Part Number	Available Flow Rates	Emitter Spacing	Coil Length		Shipping Weight		Qty per Truck		Qty per Container	
			Ft.	M.	Lbs.	Kilos.	Palletized	20 Ft.	40Ft.	
<b>16mm OD Classic Dripline (13.97mm ID x 16.26mm OD x 1.14mm Wall)</b>										
◇ BC16xx-30CM-400	2,0 ; 4,0 lph	30cm	1,310	400	56	25.4		365	160	320
◇ BC16xx-40CM-400	2,0 ; 4,0 lph	40cm	1,310	400	54	24.5		365	160	320
◇ BC16xx-50CM-400	2,0 ; 4,0 lph	50cm	1,310	400	51.5	23.4		365	160	320
◇ BC16xx-60CM-400	2,0 ; 4,0 lph	60cm	1,310	400	50.5	22.9		365	160	320
◇ BC16xx-75CM-400	2,0 ; 4,0 lph	75cm	1,310	400	49	22.2		365	160	320
◇ BC16xx-80CM-400	2,0 ; 4,0 lph	80cm	1,310	400	49	22.2		365	160	320
◇ BC16xx-90CM-400	2,0 ; 4,0 lph	90cm	1,310	400	48.5	22.0		365	160	320
◇ BC16xx-100CM-400	2,0 ; 4,0 lph	100cm	1,310	400	48	21.8		365	160	320
◇ BC16xx-120CM-400	2,0 ; 4,0 lph	120cm	1,310	400	47.5	21.5		365	160	320
◇ BC16xx-150CM-400	2,0 ; 4,0 lph	150cm	1,310	400	47	21.3		365	160	320
◇ BC16xx-200CM-400	2,0 ; 4,0 lph	200cm	1,310	400	47	21.3		365	160	320
<b>18mm OD Classic Dripline (15.75mm ID x 18.03mm OD x 1.14mm Wall)</b>										
◇ BC18xx-30CM-350	2,0 ; 4,0 lph	30cm	1,150	350	57	25.9		470	150	300
◇ BC18xx-40CM-350	2,0 ; 4,0 lph	40cm	1,150	350	54	24.5		470	150	300
◇ BC18xx-50CM-350	2,0 ; 4,0 lph	50cm	1,150	350	52	23.6		470	150	300
◇ BC18xx-60CM-350	2,0 ; 4,0 lph	60cm	1,150	350	50	22.7		470	150	300
◇ BC18xx-75CM-350	2,0 ; 4,0 lph	75cm	1,150	350	49	22.2		470	150	300
◇ BC18xx-80CM-350	2,0 ; 4,0 lph	80cm	1,150	350	49	22.2		470	150	300
◇ BC18xx-90CM-350	2,0 ; 4,0 lph	90cm	1,150	350	48	21.8		470	150	300
◇ BC18xx-100CM-350	2,0 ; 4,0 lph	100cm	1,150	350	48	21.8		470	150	300
◇ BC18xx-120CM-350	2,0 ; 4,0 lph	120cm	1,150	350	47	21.3		470	150	300
◇ BC18xx-150CM-350	2,0 ; 4,0 lph	150cm	1,150	350	46	20.9		470	150	300
◇ BC18xx-200CM-350	2,0 ; 4,0 lph	200cm	1,150	350	46	20.9		470	150	300
<b>20mm OD Classic Dripline (18.03mm ID x 20.46mm OD x 1.20mm Wall)</b>										
◇ BC20xx-30CM-305	2,0 ; 4,0 lph	30cm	1,000	305	56.5	25.6		400	135	275
◇ BC20xx-40CM-305	2,0 ; 4,0 lph	40cm	1,000	305	54	24.5		400	135	275
◇ BC20xx-50CM-305	2,0 ; 4,0 lph	50cm	1,000	305	52	23.6		400	135	275
◇ BC20xx-60CM-305	2,0 ; 4,0 lph	60cm	1,000	305	51	23.1		400	135	275
◇ BC20xx-75CM-305	2,0 ; 4,0 lph	75cm	1,000	305	50	22.7		400	135	275
◇ BC20xx-80CM-305	2,0 ; 4,0 lph	80cm	1,000	305	50	22.7		400	135	275
◇ BC20xx-90CM-305	2,0 ; 4,0 lph	90cm	1,000	305	49	22.2		400	135	275
◇ BC20xx-100CM-305	2,0 ; 4,0 lph	100cm	1,000	305	49	22.2		400	135	275
◇ BC20xx-120CM-305	2,0 ; 4,0 lph	120cm	1,000	305	48	21.8		400	135	275
◇ BC20xx-150CM-305	2,0 ; 4,0 lph	150cm	1,000	305	48	21.8		400	135	275
◇ BC20xx-200CM-305	2,0 ; 4,0 lph	200cm	1,000	305	48	21.8		400	135	275

xx Denotes emitter flow rate in lph at 1 bar. Substitute xx, with the flow rate required.



#### Ordering Information:

- BlueLine hose is manufactured I.D. controlled.
- BlueLine 0.620" ID (18mm OD) is compatible with 0.620" (16mm) ID Loc Eze Fittings. Please refer to Hose Fittings Section.
- BlueLine hose is equivalent to:
 

BlueLine 0.550" ID (16mm OD)	EHD1443	Blue Stripe® Round Hose
BlueLine 0.620" ID (18mm OD)	EHD1643	Blue Stripe® Round Hose
BlueLine 0.710" ID (20mm OD)	EHD1845	Blue Stripe® Round Hose



# Dripline

# BlueLine™ Clipperline™

## BlueLine® PC Clipperline™ (Category II)

Pressure Compensating Dripline with Clips

- MADE TO ORDER. 60,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm by email that the order has been accepted and the estimated date of delivery. Custom emitter spacing available. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.

Flow rate expressed gph per individual emitter @ 30 psi (2 Bar)



Part Number	Available Flow Rates	Emitter Spacing	Coil Length		Shipping Weight		Coils per Pallet	Coils per Truck		
			Ft.	M.	Lbs.	Kilos.		Pallet	Loose	
<b>0.620" (18mm OD) PC Clipperline™ (0.620" ID x 0.710" OD x 0.045" Wall)</b>										
BP62xxx-18C	0.26; 0.40; 0.53; 1.06 gph	18"	1,000	305	43	19.5	20	475	510	
BP62xxx-24C	0.26; 0.40; 0.53; 1.06 gph	24"	1,000	305	43	19.5	20	485	560	
BP62xxx-30C	0.26; 0.40; 0.53; 1.06 gph	30"	1,000	305	41	18.6	20	495	560	
BP62xxx-36C	0.26; 0.40; 0.53; 1.06 gph	36"	1,000	305	41	18.6	20	500	560	
BP62xxx-42C	0.26; 0.40; 0.53; 1.06 gph	42"	1,000	305	40	18.1	20	500	560	
BP62xxx-48C	0.26; 0.40; 0.53; 1.06 gph	48"	1,000	305	40	18.1	20	500	560	
BP62xxx-54C	0.26; 0.40; 0.53; 1.06 gph	54"	1,000	305	40	18.1	20	500	560	
BP62xxx-60C	0.26; 0.40; 0.53; 1.06 gph	60"	1,000	305	40	18.1	20	500	560	
<b>0.710" (20mm OD) PC Clipperline™ (0.710" ID x 0.805" OD x 0.048" Wall)</b>										
BP71xxx-18C	0.26; 0.40; 0.53; 1.06 gph	18"	1,000	305	51	23.1	16	342	385	
BP71xxx-24C	0.26; 0.40; 0.53; 1.06 gph	24"	1,000	305	51	23.1	16	362	432	
BP71xxx-30C	0.26; 0.40; 0.53; 1.06 gph	30"	1,000	305	49	22.2	16	372	432	
BP71xxx-36C	0.26; 0.40; 0.53; 1.06 gph	36"	1,000	305	49	22.2	16	396	432	
BP71xxx-42C	0.26; 0.40; 0.53; 1.06 gph	42"	1,000	305	48	21.8	16	396	432	
BP71xxx-48C	0.26; 0.40; 0.53; 1.06 gph	48"	1,000	305	48	21.8	16	396	432	
BP71xxx-54C	0.26; 0.40; 0.53; 1.06 gph	54"	1,000	305	48	21.8	16	396	432	
BP71xxx-60C	0.26; 0.40; 0.53; 1.06 gph	60"	1,000	305	48	21.8	16	396	432	

xx Denotes emitter flow rate in gph at 30psi. Substitute xx, with the flow rate required.

## BlueLine® Classic Clipperline™ (Category II)

Non-Pressure Compensating Dripline with Clips

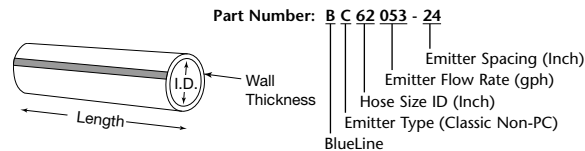
- MADE TO ORDER. 60,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm by email that the order has been accepted and the estimated date of delivery. Custom emitter spacing available. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.

Flow rate expressed gph per individual emitter @ 15 psi (1 Bar)



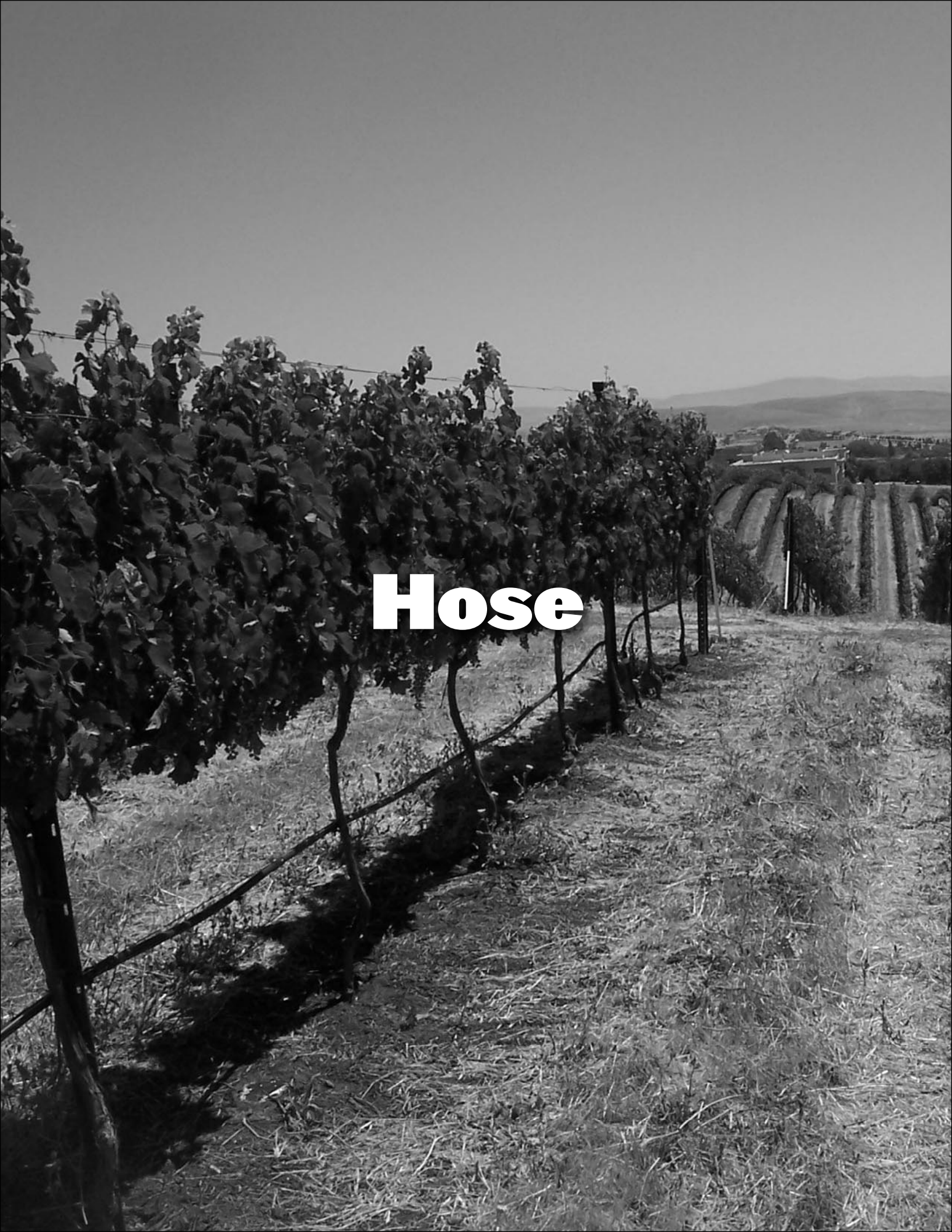
Part Number	Available Flow Rates	Emitter Spacing	Coil Length		Shipping Weight		Coils per Pallet	Coils per Truck		
			Ft.	M.	Lbs.	Kilos.		Pallet	Loose	
<b>0.620" (18mm OD) Classic Clipperline™ (0.620" ID x 0.710" OD x 0.045" Wall)</b>										
BC62xxx-18C	0.53 ; 1.06 gph	18"	1,000	305	46	20.9	20	475	510	
BC62xxx-24C	0.53 ; 1.06 gph	24"	1,000	305	46	20.9	20	485	560	
BC62xxx-30C	0.53 ; 1.06 gph	30"	1,000	305	44	20.0	20	495	560	
BC62xxx-36C	0.53 ; 1.06 gph	36"	1,000	305	43	19.5	20	500	560	
BC62xxx-42C	0.53 ; 1.06 gph	42"	1,000	305	42	19.1	20	500	560	
BC62xxx-48C	0.53 ; 1.06 gph	48"	1,000	305	42	19.1	20	500	560	
BC62xxx-54C	0.53 ; 1.06 gph	54"	1,000	305	41	18.6	20	500	560	
BC62xxx-60C	0.53 ; 1.06 gph	60"	1,000	305	41	18.6	20	500	560	
<b>0.710" (20mm OD) Classic Clipperline™ (0.710" ID x 0.805" OD x 0.048" Wall)</b>										
BC71xxx-18C	0.53 ; 1.06 gph	18"	1,000	305	53	24.0	16	342	385	
BC71xxx-24C	0.53 ; 1.06 gph	24"	1,000	305	53	24.0	16	362	432	
BC71xxx-30C	0.53 ; 1.06 gph	30"	1,000	305	51	23.1	16	372	432	
BC71xxx-36C	0.53 ; 1.06 gph	36"	1,000	305	50	22.7	16	396	432	
BC71xxx-42C	0.53 ; 1.06 gph	42"	1,000	305	50	22.7	16	396	432	
BC71xxx-48C	0.53 ; 1.06 gph	48"	1,000	305	49	22.2	16	396	432	
BC71xxx-54C	0.53 ; 1.06 gph	54"	1,000	305	49	22.2	16	396	432	
BC71xxx-60C	0.53 ; 1.06 gph	60"	1,000	305	49	22.2	16	396	432	

xx Denotes emitter flow rate in gph at 15psi. Substitute xx, with the flow rate required.



### Ordering Information:

- Clips are pre-installed one per emitter, unless otherwise requested!
- BlueLine hose is manufactured I.D. controlled.
- BlueLine 0.620" ID (18mm OD) is compatible with 0.620" (16mm) ID Loc Eze Fittings. Please refer to Hose Fittings Section.
- BlueLine hose is equivalent to:
  - BlueLine 0.550" ID (16mm OD) EHD1443 Blue Stripe® Round Hose
  - BlueLine 0.620" ID (18mm OD) EHD1643 Blue Stripe® Round Hose
  - BlueLine 0.710" ID (20mm OD) EHD1845 Blue Stripe® Round Hose



**Hose**

**Hose**

**Micro-Distribution**

**Micro-Distribution Hose - Black, No Stripe (Category III)**

STOCKED ITEMS. PRODUCT GENERALLY AVAILABLE IN STOCK



Part Number	Material	Nominal Tubing Size				Coil Length		Coil Ship Weight		Coils per	
		OD inch	ID inch	Wall inch	Metric Size	Ft.	M.	Lbs.	Kilos	Box	Pallet
MP128X050-2500W	LLDPE	0.128	0.050	0.039	3.3 x 1.3	2,500	762	11	5.0	2	108
MP128X076-2500W	LLDPE	0.128	0.076	0.026	3.3 x 1.9	2,500	762	8.5	3.9	2	108
MP176X105-2500W	LLDPE	0.176	0.105	0.036	4.5 x 2.7	2,500	762	16.1	7.3	1	54
MP187X125-1000W	LLDPE	0.187	0.125	0.031	4.7 x 3.2	1,000	305	6.2	2.8	2	108
MP187X125-3000W	LLDPE	0.187	0.125	0.031	4.7 x 3.2	3,000	914	18.5	8.4	1	54
MP188X128-2500W	LLDPE	0.188	0.128	0.030	4.8 x 3.3	2,500	762	15.2	6.9	1	54
MP188X128-3000W	LLDPE	0.188	0.128	0.030	4.8 x 3.3	3,000	914	18.2	8.3	1	54
MP220X160-500W	LLDPE	0.220	0.160	0.030	5.6 x 4.1	500	152	3.7	1.7	2	108
MP220X160-1000W	LLDPE	0.220	0.160	0.030	5.6 x 4.1	1,000	305	7.4	3.4	2	108
MP220X160-2500W	LLDPE	0.220	0.160	0.030	5.6 x 4.1	2,500	762	18.2	8.3	1	54
MP225X155-2500W	LLDPE	0.225	0.155	0.035	5.7 x 3.9	2,500	762	21.3	9.7	1	54
MP250X160-1000W	LLDPE	0.250	0.160	0.045	6.4 x 4.1	1,000	305	11.8	5.4	2	108
MP250X170-100W	LLDPE	0.250	0.170	0.040	6.4 x 4.3	100	30	1.1	0.5	30	900
MP250X170-1000W	LLDPE	0.250	0.170	0.040	6.4 x 4.3	1,000	305	11	5.0	2	108
MP250X170-2500W	LLDPE	0.250	0.170	0.040	6.4 x 4.3	2,500	762	27.5	12.5	1	54
MP272X188-1500W	LLDPE	0.272	0.188	0.042	6.9 x 4.8	1,500	457	18.5	8.4	1	54
MP275X210-1500W	LLDPE	0.275	0.210	0.033	7.0 x 5.3	1,500	457	15.3	6.9	1	54
MP307X250-1000W	LLDPE	0.307	0.250	0.029	7.8 x 6.4	1,000	305	10.3	4.7	1	54
MP312X187-1500W	LLDPE	0.312	0.187	0.063	7.9 x 4.7	1,500	457	30	13.6	1	54
MP315X208-1500W	LLDPE	0.315	0.208	0.054	8 x 5.3	1,500	457	27	12.2	1	54
MP350X250-500W	LLDPE	0.350	0.250	0.050	8.9 x 6.4	500	152	9.5	4.3	2	108
MP350X250-1000W	LLDPE	0.350	0.250	0.050	8.9 x 6.4	1,000	305	19.2	8.7	1	54
MP375X250-750W	LLDPE	0.375	0.250	0.063	9.5 x 6.4	750	229	19.5	8.8	1	54
MP375X275-1000W	LLDPE	0.375	0.275	0.050	9.5 x 7.0	1,000	305	23	10.4	1	54
MP455X375-1000W	LLDPE	0.455	0.375	0.040	11.5 x 9.5	1,000	305	20	9.1	No Box	50
MV187X125-1000W	PVC	0.187	0.125	0.031	4.7 x 3.2	1,000	305	9.2	4.2	2	108
MP196X126-1000W	PEFLEX	0.196	0.126	0.035	5.0 x 3.2	1,000	305	7.2	3.3	2	108
MP196X126-2500W	PEFLEX	0.196	0.126	0.035	5.0 x 3.2	2,500	762	18	8.2	1	54
MV220X160-1000W	PVC	0.220	0.160	0.030	5.6 x 4.1	1,000	305	11	5.0	2	108
MV250X160-1000W	PVC	0.250	0.160	0.045	6.4 x 4.1	1,000	305	17.6	8.0	2	108
MV250X170-1000W	PVC	0.250	0.170	0.040	6.4 x 4.3	1,000	305	16	7.3	2	108

**Micro-Distribution Hose - White, No Stripe (Category III)**

STOCKED ITEMS. MINIMUM ORDER QUANTITY OF 1 (ONE) BOX.



Part Number	Material	Nominal Tubing Size				Coil Length		Coil Ship Weight		Coils per	
		OD inch	ID inch	Wall inch	Metric Size	Ft.	M.	Lbs.	Kilos	Box	Pallet
WMP250X160-1000Y	LLDPE	0.250	0.160	0.045	6.4 x 4.1	1,000	305	11.8	5.4	2	108

**Ordering Information:**

- Minimum order quantity of 1 (one) box.

Tube #	Nominal Size OD x ID
2	0.128" x 0.076"
2.5	0.176" x 0.105"
3	0.188" x 0.128"
4	0.225" x 0.155"
4.5	0.272" x 0.188"
5	0.275" x 0.210"
5.5	0.350" x 0.250"
6	0.375" x 0.275"



# Hose

## Oval

### Blue Stripe® Micro-Distribution Hose (Category III)

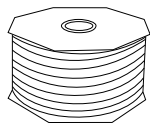
STOCKED ITEMS. PRODUCT GENERALLY AVAILABLE IN STOCK FOR DELIVERY IN APPROXIMATELY 3 WORKING DAYS



Part Number	Material	Size		Nominal Hose Size			Coil Length		Coil Ship Weight		Coils per	
		inch	mm	ID inch	OD inch	Wall inch	Ft.	M.	Lbs.	Kilos	Box	Pallet
<b>Blue Stripe® Micro-Distribution Hose - Coil Stretch Wrapped Palletized</b>												
EHW0437-100	LLDPE	1/4"	4	0.170"	0.250"	0.040"	1,000	305	10.5	4.8	—	60
EHW0645-050	LLDPE	3/8"	6	0.250"	0.345"	0.047"	500	152	9.0	4.1	—	60
<b>Blue Stripe® Micro-Distribution Hose - Coil Banded Palletized</b>												
EHD0437-010	LLDPE	1/4"	4	0.170"	0.250"	0.040"	100	30	1.1	0.5	—	250
EHD0437-300	LLDPE	1/4"	4	0.170"	0.250"	0.040"	3,000	914	31.9	14.5	—	14

### Blue Stripe® Oval Hose (Category III)

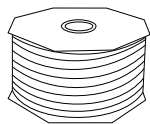
21 PSI WORKING PRESSURE.



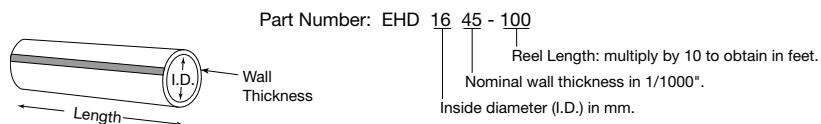
Part Number	Size		Nominal Hose Size		Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck		
	inch	mm	ID inch	Wall inch	Ft.	M.	Lbs.	Kilos		Pallet	Pallet	Loose
<b>Coil Banded Palletized</b>												
◇ ELD2626-166	1"	26	1.043"	0.026"	1,660	506	58.7	26.6	12	312	—	
◇ ELD3550-050	1-1/4"	35	1.365"	0.050"	500	152	60.0	27.2	12	312	—	
◇ ELD4040-060	1-1/2"	40	1.595"	0.040"	600	183	49.9	22.6	12	312	—	
◇ ELD4040-030	1-1/2"	40	1.595"	0.040"	300	91	24.9	11.3	12	312	—	
◇ ELD4040-015	1-1/2"	40	1.595"	0.040"	150	46	17.0	7.7	27	702	—	
◇ ELD5251-015	2"	52	2.052"	0.051"	150	46	20.4	9.3	27	702	—	
◇ ELD5251-045	2"	52	2.052"	0.051"	450	137	72.0	32.7	12	312	—	
◇ ELD7776-020	3"	77	3.043"	0.076"	200	61	67.0	30.4	28	560	—	
◇ ELD101100-013	4"	101	3.996"	0.100"	130	40	71.0	32.2	20	400	—	

### Blue Stripe® Oval Hose (Category III)

42 PSI WORKING PRESSURE.



Part Number	Size		Nominal Hose Size		Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck		
	inch	mm	ID inch	Wall inch	Ft.	M.	Lbs.	Kilos		Pallet	Pallet	Loose
<b>Reel Palletized</b>												
◇ ELD1634-164	5/8"	16	0.633"	0.034"	1,640	500	47.3	21.5	12	312	—	
<b>Coil Banded Palletized</b>												
◇ ELD2043-120	3/4"	20	0.813"	0.043"	1,200	366	56.1	25.5	12	312	—	
◇ ELD2654-066	1"	26	1.043"	0.054"	660	201	58.0	26.3	12	312	—	
◇ ELD3570-040	1-1/4"	35	1.365"	0.070"	400	122	61.0	27.7	12	312	—	
◇ ELD4084-035	1-1/2"	40	1.595"	0.084"	350	107	72.0	32.7	12	312	—	
◇ ELD52108-025	2"	52	2.052"	0.108"	250	76	76.0	34.5	12	312	—	



#### Ordering Information:

- ◇ = MADE TO ORDER. 80,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm by email that the order has been accepted and the estimated date of delivery.
- Above hose is manufactured I.D. Controlled, unless otherwise stated.
- Above hose is available Made to Order without a Blue Stripe (i.e. Part No EHDxxxx-xxxNS). Made to Order quantities apply.

# Hose

# Layflat

## Layflat Hose (Category III)

STOCKED ITEMS. PRODUCT GENERALLY AVAILABLE IN STOCK FOR DELIVERY IN APPROXIMATELY 3 WORKING DAYS



Part Number	Size		Nominal Hose Size		Working Pressure PSI	Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck
	inch	mm	ID inch	Wall inch		Ft.	M.	Lbs.	Kilos		
<b>SF-10 - Blue Layflat Hose</b>											
SF-10x1.5	1.5"	38	1.61"	0.059"	80	300	91	60.0	27.2	32	672
SF-10x2.0	2"	51	2.09"	0.059"	80	300	91	73.0	33.1	24	528
SF-10x3.0	3"	76	3.07"	0.063"	80	300	91	112.0	50.8	20	360
SF-10x4.0	4"	102	4.13"	0.067"	70	300	91	165.0	74.8	14	245
SF-10x6.0	6"	152	6.16"	0.075"	60	300	91	285.0	129.3	5	130
SF-10x8.0	8"	203	8.15"	0.087"	35	300	91	400.0	181.4	4	100

## Layflat High-Pressure Hose (Category III)

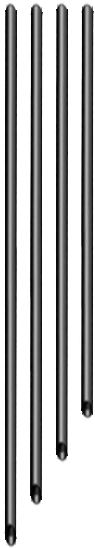
NOT STOCKED. MINIMUM QUANTITIES MAY APPLY



Part Number	Size		Nominal Hose Size		Working Pressure PSI	Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck
	inch	mm	ID inch	Wall inch		Ft.	M.	Lbs.	Kilos		
<b>SF-55 - Gray Layflat Hose</b>											
SF-55x1.5	1.5"	38	1.61"	0.063"	150	300	91	72.0	32.7	16	590
SF-55x2.0	2"	51	2.080"	0.087"	150	300	91	86.0	39.0	13	494
SF-55x3.0	3"	76	3.07"	0.100"	150	300	91	205.0	93.0	10	207
SF-55x4.0	4"	102	4.13"	0.114"	100	300	91	327.0	148.3	7	130
SF-55x6.0	6"	152	6.100"	0.146"	100	300	91	462.0	209.6	4	92

## IPS Tubing - Flexible PVC

COMMON ITEMS STOCKED.



Part Number	Description	Coil Length		Coil/Bundle Weight		Cut length Quantity	Coils per Pallet
		Ft./In.	M.	Lbs.	Kilos		
<b>1/2" IPS Tubing</b>							
IPS50-100	1/2" IPS Tubing, 100' Coil	100'	30.5	20.0	9.1	-	30
IPS50-200	1/2" IPS Tubing, 200' Coil	200'	61.0	40.0	18.1	-	16
◇ IPS50-CL12	1/2" IPS Tubing, 12" Cut Length	12"	0.30	5.0	2.3	25	4,500
◇ IPS50-CL18	1/2" IPS Tubing, 18" Cut Length	18"	0.46	7.5	3.4	25	3,000
◇ IPS50-CL24	1/2" IPS Tubing, 24" Cut Length	24"	0.61	10.0	4.5	25	2,000
◇ IPS50-CL30	1/2" IPS Tubing, 30" Cut Length	30"	0.76	12.5	5.7	25	1,500
◇ IPS50-CL36	1/2" IPS Tubing, 36" Cut Length	36"	0.91	15.0	6.8	25	1,500
◇ IPS50-CL42	1/2" IPS Tubing, 42" Cut Length	42"	1.07	17.5	7.9	25	1,500
◇ IPS50-CL48	1/2" IPS Tubing, 48" Cut Length	48"	1.22	20.0	9.1	25	1,500
◇ IPS50-CL60	1/2" IPS Tubing, 60" Cut Length	60"	1.52	25.0	11.3	25	1,500
<b>3/4" IPS Tubing</b>							
IPS75-100	3/4" IPS Tubing, 100' Coil	100'	30.5	30.0	13.6	-	20
IPS75-200	3/4" IPS Tubing, 200' Coil	200'	61.0	60.0	27.2	-	10
◇ IPS75-CL12	3/4" IPS Tubing, 12" Cut Length	12"	0.30	8.0	3.6	25	3,000
◇ IPS75-CL18	3/4" IPS Tubing, 18" Cut Length	18"	0.46	12.0	5.4	25	2,000
◇ IPS75-CL24	3/4" IPS Tubing, 24" Cut Length	24"	0.61	16.0	7.3	25	1,500
◇ IPS75-CL30	3/4" IPS Tubing, 30" Cut Length	30"	0.76	20.0	9.1	25	1,000
◇ IPS75-CL36	3/4" IPS Tubing, 36" Cut Length	36"	0.91	24.0	10.9	25	1,000
◇ IPS75-CL42	3/4" IPS Tubing, 42" Cut Length	42"	1.07	28.0	12.7	25	900
◇ IPS75-CL48	3/4" IPS Tubing, 48" Cut Length	48"	1.22	32.0	14.5	25	900
◇ IPS75-CL60	3/4" IPS Tubing, 60" Cut Length	60"	1.52	40.0	18.1	25	900
<b>1" IPS Tubing</b>							
IPS100-100	1" IPS Tubing, 100' Coil	100'	30.5	41.0	18.6	-	14
IPS100-200	1" IPS Tubing, 200' Coil	200'	61.0	82.0	37.2	-	10
◇ IPS100-CL12	1" IPS Tubing, 12" Cut Length	12"	0.30	10.5	4.8	25	1,800
◇ IPS100-CL18	1" IPS Tubing, 18" Cut Length	18"	0.46	15.8	7.2	25	1,200
◇ IPS100-CL24	1" IPS Tubing, 24" Cut Length	24"	0.61	21.0	9.5	25	800
◇ IPS100-CL30	1" IPS Tubing, 30" Cut Length	30"	0.76	26.3	11.9	25	700
◇ IPS100-CL36	1" IPS Tubing, 36" Cut Length	36"	0.91	31.5	14.3	25	700
◇ IPS100-CL42	1" IPS Tubing, 42" Cut Length	42"	1.07	36.8	16.7	25	700
◇ IPS100-CL48	1" IPS Tubing, 48" Cut Length	48"	1.22	42.0	19.1	25	700
◇ IPS100-CL60	1" IPS Tubing, 60" Cut Length	60"	1.52	52.5	23.8	25	700

**Ordering Information:**

◇ = MADE TO ORDER.

# Hose

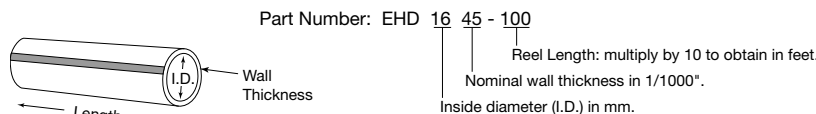
# Round



### Blue Stripe® Round Hose (Category III)

STOCKED ITEMS. PRODUCT GENERALLY AVAILABLE IN STOCK. TRUCKLOAD QUANTITIES MAY VARY. APPROXIMATELY 20% OF PALLETIZED TRUCKLOADS MAY BE SHIPPED LOOSE TO FILL EMPTY VOIDS.

Part Number	Size		Nominal Hose Size		Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck	
	inch	mm	ID inch	Wall inch	Ft.	M.	Lbs.	Kilos		Pallet	Pallet
<b>Inside Diameter (ID) Controlled - Coil Stretch Wrapped Palletized</b>											
EHW1554-010	-	15	0.570"	0.054"	100	30	4.5	2.1	72	2,448	—
EHW1645-010	5/8"	16	0.615"	0.045"	100	30	4.0	1.8	72	2,448	—
EHW1645-050	5/8"	16	0.615"	0.045"	500	152	19.8	9.0	20	520	—
<b>Inside Diameter (ID) Controlled - Coil Banded Loose</b>											
◇ EHD1035-100	-	10	0.390"	0.035"	1,000	305	18.9	8.6	20	840	950
EHD1335-100	1/2"	13	0.510"	0.035"	1,000	305	24.2	11.0	20	720	820
◇ EHD1350-050	1/2"	13	0.520"	0.050"	500	152	18.1	8.2	20	820	920
EHD1350-100	1/2"	13	0.520"	0.050"	1,000	305	36.2	16.4	20	720	820
◇ EHD1554-050	-	15	0.570"	0.054"	500	152	21.4	9.7	20	670	875
EHD1554-100	-	15	0.570"	0.054"	1,000	305	42.8	19.4	20	590	730
EHD1635-100	5/8"	16	0.615"	0.035"	1,000	305	28.9	13.1	20	610	640
EHD1642-100	5/8"	16	0.625"	0.042"	1,000	305	35.6	16.2	20	570	600
◇ EHD1643-050	5/8"	16	0.620"	0.043"	500	152	18.5	8.4	20	630	800
EHD1643-100	5/8"	16	0.620"	0.043"	1,000	305	37.0	16.8	20	560	590
EHD1845-100	-	18	0.710"	0.045"	1,000	305	43.1	19.6	16	465	540
◇ EHD1847-100	-	18	0.730"	0.047"	1,000	305	46.4	21.1	16	460	530
EHD1850-100	-	18	0.720"	0.050"	1,000	305	48.9	22.2	16	455	520
EHD2052-050	3/4"	20	0.805"	0.052"	500	152	28.3	12.9	20	520	595
EHD2052-100	3/4"	20	0.805"	0.052"	1,000	305	56.6	25.7	16	380	384
EHD2657-066	1"	26	1.060"	0.057"	660	201	53.4	24.2	7	224	280
EHD2662-066	1"	26	1.060"	0.062"	660	201	58.4	26.5	7	224	280
◇ EHD3580-030	1-1/4"	35	1.365"	0.080"	300	91	44.1	20.0	5	182	315
<b>Inside Diameter (ID) Controlled - Heavy Wall Hose</b>											
EHD1645-050	5/8"	16	0.615"	0.045"	500	152	18.9	8.6	20	630	800
EHD1645-100	5/8"	16	0.615"	0.045"	1,000	305	37.8	17.1	20	560	590
EHD2057-050	3/4"	20	0.805"	0.057"	500	152	31.2	14.2	20	560	585
EHD2057-100	3/4"	20	0.805"	0.057"	1,000	305	62.5	28.3	16	370	380
EHD2667-066	1"	26	1.060"	0.067"	660	201	63.3	28.7	7	224	280



**Ordering Information:**  
◇ = MADE TO ORDER.

- Above hose is available Made to Order without a Blue Stripe (i.e. Part No EHDxxxx-xxxNS). Made to Order quantities apply.
- \* Blue Stripe® Round Hose is equivalent to:

EHD1443	BlueLine & Drip In 0.550" ID (16mm OD)
EHD1643	BlueLine & Drip In 0.620" ID (18mm OD)
EHD1845	BlueLine & Drip In 0.710" ID (20mm OD)



# Hose

## Colored Stripe

### Blue Stripe® Round Hose (Category III)

◇ **MADE TO ORDER.** 80,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm that the order has been accepted and the estimated date of delivery. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.



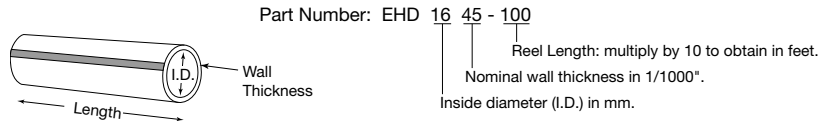
Part Number	Size		Nominal Hose Size		Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck	
	inch	mm	ID inch	Wall inch	Ft.	M.	Lbs.	Kilos		Pallet	Loose
<b>Inside Diameter (ID) Controlled - Coil Stretch Wrapped Palletized</b>											
◇ EHW1554-050	-	15	0.570"	0.054"	500	152	22.7	10.3	20	520	—
◇ EHW1645-025	5/8"	16	0.620"	0.045"	250	76	9.4	4.3	40	1,040	—
<b>Inside Diameter (ID) Controlled - Coil Banded Loose</b>											
◇ EHD1038-100	-	10	0.375"	0.038"	1,000	305	20.0	9.1	15	390	840
◇ EHD1348-100	1/2"	13	0.510"	0.048"	1,000	305	34.0	15.4	20	520	925
◇ EHD1443-050	-	14	0.550"	0.043"	500	152	16.2	7.4	12	312	680
◇ EHD1443-100	-	14	0.550"	0.043"	1,000	305	32.4	14.7	12	312	675
◇ EHD1642-050	5/8"	16	0.625"	0.042"	500	152	17.8	8.1	20	600	800
◇ EHD1850-050	-	18	0.720"	0.050"	500	152	24.5	11.1	20	540	650
◇ EHD2662-025	1"	26	1.060"	0.062"	250	76	22.1	10.0	—	—	—
◇ EHD2667-050	1"	26	1.060"	0.067"	500	152	48.0	21.8	9	270	320

### Colored Striped Round Hose (Category III)

◇ **MADE TO ORDER.** 80,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm that the order has been accepted and the estimated date of delivery. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.



Part Number	Size		Nominal Hose Size		Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck	
	inch	mm	ID inch	Wall inch	Ft.	M.	Lbs.	Kilos		Pallet	Loose
<b>Purple Stripe Round Hose</b>											
<b>Inside Diameter (ID) Controlled - Coil Banded Loose</b>											
◇ EHP1645-050	5/8"	16	0.615"	0.045"	500	152	18.9	8.6	20	520	800
◇ EHP2057-050	3/4"	20	0.805"	0.057"	500	152	31.2	14.2	20	520	620
<b>White Stripe™ Round Hose</b>											
<b>Inside Diameter (ID) Controlled - Coil Banded Loose</b>											
◇ EHX1645-050	5/8"	16	0.615"	0.045"	500	152	18.9	8.6	20	520	800
◇ EHX2057-050	3/4"	20	0.805"	0.057"	500	152	31.2	14.2	20	520	620



#### Ordering Information:

• Above hose is available Made to Order without a Blue Stripe (i.e. Part No EHDxxx-xxxNS). Made to Order quantities apply.

\* Blue Stripe® Round Hose is equivalent to:

EHD1443	Blueline & Drip In 0.550" ID (16mm OD)
EHD1643	Blueline & Drip In 0.620" ID (18mm OD)
EHD1845	Blueline & Drip In 0.710" ID (20mm OD)

# Hose

## Colored Hose

### Colored Round Hose (Category III)

◇ MADE TO ORDER. 80,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm that the order has been accepted and the estimated date of delivery. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.

Part Number	Size		Nominal Hose Size		Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck	
	inch	mm	ID inch	Wall inch	Ft.	M.	Lbs.	Kilos		Pallet	Pallet

#### Purple Round Hose recommended for use with non-potable water applications

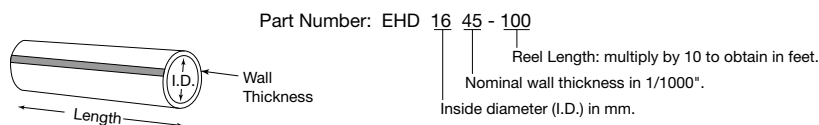
##### Inside Diameter (ID) Controlled - Coil Banded Loose

◇ PHD1645-050	5/8"	16	0.615"	0.045"	500	152	19.0	8.6	20	520	760
◇ PHD1645-100	5/8"	16	0.615"	0.045"	1,000	305	38.0	17.2	12	312	630

#### White Round Hose recommended for use in greenhouses, nurseries and hot climates.

##### Inside Diameter (ID) Controlled - Coil Banded Loose

◇ WHD1645-050	5/8"	16	0.615"	0.045"	500	152	18.9	8.6	20	520	760
◇ WHD1645-100	5/8"	16	0.615"	0.045"	1,000	305	37.8	17.2	12	312	630
◇ WHD2057-050	3/4"	20	0.805"	0.057"	500	152	31.3	14.2	12	312	620
◇ WHD2667-066	1"	26	1.060"	0.067"	660	201	63.3	28.7	7	182	260



#### Ordering Information:

- Round Hose (Part No EHDxxx-xxx) is manufactured I.D. controlled, unless otherwise stated.
- Above hose is available Made to Order without a Blue Stripe (i.e. Part No EHDxxx-xxxNS). Made to Order quantities apply.

\* Blue Stripe® Round Hose is equivalent to:

EHD1443	Blueline & Drip In 0.550" ID (16mm OD)
EHD1643	Blueline & Drip In 0.620" ID (18mm OD)
EHD1845	Blueline & Drip In 0.710" ID (20mm OD)

\*\* Suitable for use with 25mm ISO compression fittings.

# Hose

## Outside Diameter (OD) Controlled

### Blue Stripe® Round Hose (Category III)

◇ MADE TO ORDER. 80,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm that the order has been accepted and the estimated date of delivery. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.



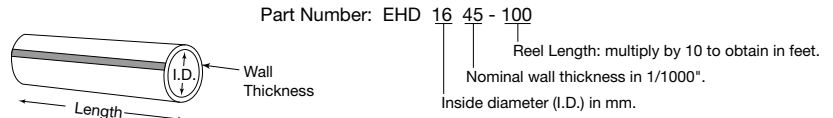
Part Number	Size		Nominal Hose Size		Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck	
	inch	mm	OD inch	Wall inch	Ft.	M.	Lbs.	Kilos		Pallet	Loose
<b>Outside Diameter (OD) Controlled - Coil Stretch Wrapped Palletized</b>											
◇ EHW1650-010	5/8"	16	0.700"	0.050"	100	30	4.1	1.9	72	2,448	—
◇ EHW1650-050	5/8"	16	0.700"	0.050"	500	152	20.7	9.4	20	520	520
<b>Outside Diameter (OD) Controlled - Coil Banded Loose</b>											
EHO1650-050	5/8"	16	0.700"	0.050"	500	152	20.5	9.3	20	640	840
EHO1650-100	5/8"	16	0.700"	0.050"	1,000	305	41.0	18.6	20	550	580
◇ EHO2050-050	3/4"	20	0.930"	0.050"	500	152	27.9	12.7	20	570	675
EHO2050-100	3/4"	20	0.930"	0.050"	1,000	305	55.9	25.4	16	365	375
◇ EHO2055-050	3/4"	20	0.940"	0.055"	500	152	31.0	14.1	20	495	590
EHO2055-100	3/4"	20	0.940"	0.055"	1,000	305	62.0	28.1	16	360	370

### Colored Round Hose (Category III)

◇ MADE TO ORDER. 80,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm that the order has been accepted and the estimated date of delivery. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.



Part Number	Size		Nominal Hose Size		Coil Length		Coil Ship Weight		Coils per Pallet	Coils per Truck	
	inch	mm	OD inch	Wall inch	Ft.	M.	Lbs.	Kilos		Pallet	Loose
<b>Outside Diameter (OD) Controlled - Coil Banded Loose</b>											
◇ WHO1650-050	5/8"	16	0.700"	0.050"	500	152	20.5	9.3	20	520	840
◇ WHO1650-100	5/8"	16	0.700"	0.050"	1,000	305	41.0	18.6	12	312	580



#### Ordering Information:

◇ = MADE TO ORDER. 80,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm by email that the order has been accepted and the estimated date of delivery.

- Above hose is manufactured I.D. Controlled, unless otherwise stated.
- Above hose is available Made to Order without a Blue Stripe (i.e. Part No EHDxxx-xxxNS). Made to Order quantities apply.

\* Blue Stripe® Round Hose is equivalent to:

EHD1443	Blueline & Drip In 0.550" ID (16mm OD)
EHD1643	Blueline & Drip In 0.620" ID (18mm OD)
EHD1845	Blueline & Drip In 0.710" ID (20mm OD)

# Hose

# Clipperhose

## Blue Stripe® Clipperhose™ (Category III) Hose with Clips for 14 Gauge Wire

◇ **MADE TO ORDER.** 80,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm that the order has been accepted and the estimated date of delivery. Truckload quantities may vary. Approximately 20% of palletized truckloads may be shipped loose to fill empty voids.



Part Number	Clip		Nominal Hose Size		Coil Length		Coil Ship Weight		Coils		Coils per Truck	
	Spacing inch	Size inch mm	ID inch	Wall inch	Ft.	M.	Lbs.	Kilos	per Pallet	Pallet	Loose	
◇ EHD1643-100-C24	24"	5/8" 16	0.620"	0.043"	1,000	305	44.0	20.0	20	525	560	
◇ EHD1643-100-C30	30"	5/8" 16	0.620"	0.043"	1,000	305	43.7	19.9	20	525	560	
◇ EHD1643-100-C36	36"	5/8" 16	0.620"	0.043"	1,000	305	43.4	19.7	20	525	560	
◇ EHD1645-100-C24	24"	5/8" 16	0.615"	0.045"	1,000	305	45.0	20.5	20	525	560	
◇ EHD1645-100-C30	30"	5/8" 16	0.615"	0.045"	1,000	305	44.7	20.3	20	525	560	
◇ EHD1645-100-C36	36"	5/8" 16	0.615"	0.045"	1,000	305	44.4	20.2	20	525	560	
◇ EHD1845-100-C24	24"	- 18	0.710"	0.045"	1,000	305	49.2	22.4	16	480	520	
◇ EHD1845-100-C30	30"	- 18	0.710"	0.045"	1,000	305	48.9	22.2	16	480	520	
◇ EHD1845-100-C36	36"	- 18	0.710"	0.045"	1,000	305	48.6	22.1	16	480	520	
◇ EHD1847-100-C24	24"	- 18	0.730"	0.047"	1,000	305	50.2	22.8	16	480	520	
◇ EHD1847-100-C30	30"	- 18	0.730"	0.047"	1,000	305	50.2	22.8	16	480	520	
◇ EHD1847-100-C36	36"	- 18	0.730"	0.047"	1,000	305	50.2	22.8	16	480	520	

# Hose

# Pre-Punched

## Blue Stripe® Pre-Punched Hose (Category III) Round Hose from 1/2" (13mm) to 1" (26mm) available pre-punched!

◇ **MADE TO ORDER.** 80,000 Ft. minimum order quantity will apply. Toro Ag Customer Service will confirm that the order has been accepted and the estimated date of delivery.  
*(To order pre-punched hose, add -P plus the hole spacing in inches to the hose part no. example: EHD1645-100-P24; 5/8" (16mm) hose, pre-punched at 24" spacing.)*



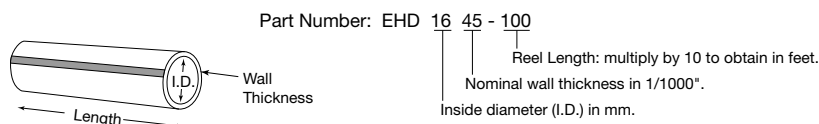
### Description

### Pre-Punch Price (To be added to the list price of Round Hose)

Pre-Punch Price for Hole Spacing less than 24" (per 1,000 Ft.)

Pre-Punch Price for Hole Spacing 24" and above (per 1,000 Ft.)

Call Toro Ag Sales



### Ordering Information:





- Round Hose (Part No EHDxxxx-xxx) is manufactured I.D. controlled, unless otherwise stated.
- Above hose is available Made to Order without a Blue Stripe (i.e. Part No EHDxxxx-xxxNS). Made to Order quantities apply.

\* Blue Stripe® Round Hose is equivalent to:

EHD1445	BlueLine & Drip In 0.550" ID (16mm OD)
EHD1643	BlueLine & Drip In 0.620" ID (18mm OD)
EHD1845	BlueLine & Drip In 0.710" ID (20mm OD)



# Hose & Compatible Fittings

Product	I.D. (inches)	I.D. (inches)	O.D. (inches)	Wall (inches)	COMPATIBLE FITTINGS			
								
					Pro-Loc Fittings Series	Barbed Fittings Series*	Loc-Eze Fittings Series*	Fig 8 Hose Ends
Blue Stripe Hose - EHD1035 - 10mm		0.390	0.460	0.035				
Blue Stripe Hose - EHD1038 - 10mm	3/8"	0.375	0.451	0.038				
Blue Stripe Hose - EHD1335 - 13mm	1/2"	0.510	0.580	0.035	500	Fxx500		
Blue Stripe Hose - EHD1348 - 13mm	1/2"	0.510	0.606	0.048	500	Fxx500		
Blue Stripe Hose - EHD1350 - 13mm	1/2"	0.520	0.620	0.050	500	Fxx500		
Blue Stripe Hose - EHD1443 - 14mm		0.550	0.636	0.043	500	Fxx1400-1		FJQ16
Blue Stripe Hose - EHD1554 - 15mm		0.570	0.678	0.054	500	Fxx1500-1		FJQ16
Blue Stripe Hose - EHW1554 - 15mm		0.570	0.678	0.054	500	Fxx1500-1		FJQ16
Blue Stripe Hose - EHD1635 - 16mm	5/8"	0.615	0.685	0.035	600	Fxx1600-1	Fxx16	FJQ16
Blue Stripe Hose - EHD1642 - 16mm	5/8"	0.625	0.709	0.042	600	Fxx1600-1	Fxx16	FJQ16
Blue Stripe Hose - EHD1643 - 16mm	5/8"	0.620	0.706	0.043	600	Fxx1600-1	Fxx16	FJQ16
Blue Stripe Hose - EHD1645 - 16mm	5/8"	0.615	0.705	0.045	600	Fxx1600-1	Fxx16	FJQ16
Blue Stripe Hose - EHW1645 - 16mm	5/8"	0.620	0.710	0.045	600	Fxx1600-1	Fxx16	FJQ16
Blue Stripe Hose - EHD1845 - 18mm		0.710	0.800	0.045	700	Fxx1800-1		FJQ20
Blue Stripe Hose - EHD1847 - 18mm		0.730	0.824	0.047	700			FJQ20
Blue Stripe Hose - EHD1850 - 18mm		0.720	0.820	0.050	700			FJQ20
Blue Stripe Hose - EHD2052 - 20mm	3/4"	0.805	0.909	0.052	800			FJQ20
Blue Stripe Hose - EHD2057 - 20mm	3/4"	0.805	0.919	0.057	800			FJQ20
Blue Stripe Hose - EHD2657 - 26mm	1"	1.060	1.174	0.057				FJQ26
Blue Stripe Hose - EHD2662 - 26mm	1"	1.060	1.184	0.062				FJQ26
Blue Stripe Hose - EHD2667 - 26mm	1"	1.060	1.194	0.067				FJQ26
Blue Stripe Hose - EHD3580 - 30mm	1 1/4"	1.365	1.525	0.080				
Blue Stripe Oval Hose ELD2626 - 26mm	1"	1.043	1.095	0.026				FJQ26
Blue Stripe Oval Hose ELD3550 - 35mm	1 1/4"	1.365	1.465	0.050				
Blue Stripe Oval Hose ELD4040 - 40mm	1 1/2"	1.595	1.675	0.040				
Blue Stripe Oval Hose ELD5251 - 52mm	2"	2.052	2.154	0.051		POUX 2"		
Blue Stripe Oval Hose ELD7776 - 77mm	3"	3.043	3.195	0.076		POUX 3"		
Blue Stripe Oval Hose ELD101100 - 101mm	4"	3.996	4.196	0.100		POUX 4"		
BlueLine PC & Classic- 16mm	1/2"	0.550	0.640	0.045	500	Fxx1400-1		FJQ16
BlueLine PC & Classic- 18mm	5/8"	0.620	0.710	0.045	600	Fxx1600-1	Fxx16	FJQ16
BlueLine PC & Classic- 20mm	3/4"	0.710	0.805	0.048	700	Fxx1800-1		FJQ20
Soakerline Classic - 4mm	1/4"	0.170	0.250	0.040		Fxx0400		
IPS50 - Flexible PVC	1/2"	0.546	0.840	0.147				
IPS75 - Flexible PVC	3/4"	0.742	1.050	0.154				
IPS100 - Flexible PVC	1"	0.957	1.315	0.179				

\* Example: Fxx16 = FCC16.., FEE16.., FTT16.., etc.



















# Hose & Dripline Fittings

## TORO® Barbed Hose & Dripline Fittings (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube		
		Bag	Carton	Lbs.	Kilos	Ft.	M.	
<b>Barbed Couplings</b>								
 T-FBC500	500 SERIES BARB COUPLING	25	85	—	—	1.47	1.33	
<b>Barbed Tees</b>								
 T-FBT500	500 SERIES BARB TEE	25	48	—	—	1.47	1.33	
<b>Male Thread Adapters</b>								
 T-FBA5-50MPT	500 SERIES BARB X 1/2" MALE PIPE THREAD ADAPTER	25	60	—	—	1.47	1.33	
T-FBA5-75MPT	500 SERIES BARB X 3/4" MALE PIPE THREAD ADAPTER	25	45	—	—	1.47	1.33	










## Pro-Loc™ Hose and Dripline Fittings (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube		
		Bag	Carton	Lbs.	Kilos	Ft.	M.	
<b>Couplings</b>								
 FHC500	500 Series Pro-Loc Coupling	50	500	—	—	1.28	0.036	
FHC600	600 Series Pro-Loc Coupling	50	450	—	—	1.28	0.036	
FHC700	700 Series Pro-Loc Coupling	50	350	—	—	1.28	0.036	
FHC800	800 Series Pro-Loc Coupling	50	250	—	—	1.28	0.036	
<b>Threaded Adapters</b>								
 FHA5-50MPT	500 Series Pro-Loc x 1/2" Male Pipe Thread Adapter	50	600	—	—	1.28	0.036	
FHA6-50MPT	600 Series Pro-Loc x 1/2" Male Pipe Thread Adapter	50	600	—	—	1.28	0.036	
FHA7-50MPT	700 Series Pro-Loc x 1/2" Male Pipe Thread Adapter	50	500	—	—	1.28	0.036	
FHA5-75MPT	500 Series Pro-Loc x 3/4" Male Pipe Thread Adapter	50	600	—	—	1.28	0.036	
FHA6-75MPT	600 Series Pro-Loc x 3/4" Male Pipe Thread Adapter	50	600	—	—	1.28	0.036	
FHA7-75MPT	700 Series Pro-Loc x 3/4" Male Pipe Thread Adapter	50	450	—	—	1.28	0.036	
FHA8-75MPT	800 Series Pro-Loc x 3/4" Male Pipe Thread Adapter	50	400	—	—	1.28	0.036	
<b>Threaded Adapters x 3/4" Female Hose Swivel*</b>								
 FHA5-75FHS	500 Ser Pro-Loc x 3/4" Female Hose Swivel	50	400	—	—	1.28	0.036	
FHA6-75FHS	600 Ser Pro-Loc x 3/4" Female Hose Swivel	50	400	—	—	1.28	0.036	
FHA7-75FHS	700 Ser Pro-Loc x 3/4" Female Hose Swivel	50	350	—	—	1.28	0.036	
FHA8-75FHS	800 Ser Pro-Loc x 3/4" Female Hose Swivel	50	350	—	—	1.28	0.036	
<b>Threaded Adapters x 3/4" Female Hose Swivel with Screen*</b>								
 FHA5-75FHSS	500 Ser Pro-Loc x 3/4" Female Hose Swivel with Screen	50	400	—	—	1.28	0.036	
FHA6-75FHSS	600 Ser Pro-Loc x 3/4" Female Hose Swivel with Screen	50	400	—	—	1.28	0.036	
FHA7-75FHSS	700 Ser Pro-Loc x 3/4" Female Hose Swivel with Screen	50	350	—	—	1.28	0.036	
FHA8-75FHSS	800 Ser Pro-Loc x 3/4" Female Hose Swivel with Screen	50	350	—	—	1.28	0.036	
<b>Barbed Adapters with Rubber Grommet</b>								
 FHA5-425RG	500 Series Pro-Loc x 425 Series Barb with Rubber Grommet	100	800	—	—	1.28	0.036	
FHA6-425RG	600 Series Pro-Loc x 425 Series Barb with Rubber Grommet	100	600	—	—	1.28	0.036	
FHA7-425RG	700 Series Pro-Loc x 425 Series Barb with Rubber Grommet	100	400	—	—	1.28	0.036	
FHA8-425RG	800 Series Pro-Loc x 425 Series Barb with Rubber Grommet	100	400	—	—	1.28	0.036	
FHB5-425RG	500 Series Barb x 425 Barb with Grommet	100	1000	—	—	1.28	0.036	
FHB7-425RG	700 Series Barb x 425 Barb with Grommet	100	800	—	—	1.28	0.036	
<b>Layflat Takeoffs</b>								
 FHA5-LF	500 Series Pro-Loc x Layflat Takeoff Single Grip	—	400	—	—	1.28	0.036	
FHA6-LF	600 Series Pro-Loc x Layflat Takeoff Single Grip	—	400	—	—	1.28	0.036	
FHA7-LF	700 Series Pro-Loc x Layflat Takeoff Single Grip	—	400	—	—	1.28	0.036	
FHA5-LF2	500 Series Pro-Loc x Layflat Takeoff Double Grip	50	400	—	—	1.28	0.036	
<b>Elbows</b>								
 FHE500	500 Series Pro-Loc Elbow	50	450	—	—	1.28	0.036	
FHE600	600 Series Pro-Loc Elbow	50	300	—	—	1.28	0.036	
FHE700	700 Series Pro-Loc Elbow	50	300	—	—	1.28	0.036	
FHE800	800 Series Pro-Loc Elbow	—	400	—	—	1.28	0.036	
<b>Tees</b>								
 FHT500	500 Series Pro-Loc Tee	50	300	—	—	1.28	0.036	
FHT600	600 Series Pro-Loc Tee	50	250	—	—	1.28	0.036	
FHT700	700 Series Pro-Loc Tee	50	200	—	—	1.28	0.036	
FHT800	800 Series Pro-Loc Tee	50	150	—	—	1.28	0.036	
<b>Tee x 3/4" Male Pipe Thread</b>								
 FHT5-75MPT	500 Series Pro-Loc Tee x 3/4" Male Pipe Thread	50	250	—	—	1.28	0.036	
FHT6-75MPT	600 Series Pro-Loc Tee x 3/4" Male Pipe Thread	50	250	—	—	1.28	0.036	
FHT7-75MPT	700 Series Pro-Loc Tee x 3/4" Male Pipe Thread	50	200	—	—	1.28	0.036	

Note: \*All Swivels are assembled with a washer. Screen option is also available.

# Hose & Dripline Fittings

## Pro-Loc™ Hose and Dripline Fittings (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Tees x 3/4" Female Hose Swivel*</b>							
 FHT5-75FHS	500 Ser Pro-Loc Tee x 3/4" Female Hose Swivel	50	250	—	—	1.28	0.036
FHT6-75FHS	600 Ser Pro-Loc Tee x 3/4" Female Hose Swivel	50	250	—	—	1.28	0.036
FHT7-75FHS	700 Ser Pro-Loc Tee x 3/4" Female Hose Swivel	50	200	—	—	1.28	0.036
FHT8-75FHS	800 Ser Pro-Loc Tee x 3/4" Female Hose Swivel	40	160	—	—	1.28	0.036
<b>Tees x 3/4" Female Hose Swivel with Screen*</b>							
 FHT5-75FHSS	500 Ser Pro-Loc Tee x 3/4" Female Hose Swivel with Screen	50	250	—	—	1.28	0.036
FHT6-75FHSS	600 Ser Pro-Loc Tee x 3/4" Female Hose Swivel with Screen	50	250	—	—	1.28	0.036
FHT7-75FHSS	700 Ser Pro-Loc Tee x 3/4" Female Hose Swivel with Screen	50	200	—	—	1.28	0.036
FHT8-75FHSS	800 Ser Pro-Loc Tee x 3/4" Female Hose Swivel with Screen	40	160	—	—	1.28	0.036
<b>Shutoff Valves</b>							
 FHV500	500 Series Pro-Loc Shutoff Valve	50	300	—	—	1.28	0.036
FHV600	600 Series Pro-Loc Shutoff Valve	50	250	—	—	1.28	0.036
FHV700	700 Series Pro-Loc Shutoff Valve	50	200	—	—	1.28	0.036
FHV800	800 Series Pro-Loc Shutoff Valve	50	200	—	—	1.28	0.036
<b>Shutoff Valves x 250 Series Barb Adapter</b>							
 FHV6-250B	600 Series Pro-Loc x 250 Series Barb Shutoff Valve	50	—	—	—	1.28	0.036
<b>Shutoff Valves with Rubber Grommet</b>							
 FHV6-425G	600 Series Pro-Loc x 425 Series Barb Shutoff Valve with Grommet	50	350	—	—	1.28	0.036
<b>Male Thread Shutoff Valves</b>							
 FHV5-50MPT	500 Series Pro-Loc x 1/2" Male Pipe Thread Shutoff Valve	50	400	—	—	1.28	0.036
FHV6-50MPT	600 Series Pro-Loc x 1/2" Male Pipe Thread Shutoff Valve	—	400	—	—	1.28	0.036
FHV5-75MPT	500 Series Pro-Loc x 3/4" Male Pipe Thread Shutoff Valve	50	300	—	—	1.28	0.036
FHV6-75MPT	600 Series Pro-Loc x 3/4" Male Pipe Thread Shutoff Valve	—	400	—	—	1.28	0.036
<b>Male Hose Thread x Female Hose Thread Shutoff Valves</b>							
 FHV75MHT-75FHS	3/4" Male Hose Thread x 3/4" Female Hose Swivel with Shutoff Valve	50	250	—	—	1.28	0.036
<b>Layflat Installation Tools</b>							
 LF-INST	T-Handle Hex Tool for Layflat Installation	25	250	—	—	1.28	0.036
LF-CUT14	Layflat Cutter - 14mm BLUE	1	50	23.33	10.60	1.28	0.036
LF-CUT16	Layflat Cutter - 16mm RED	1	50	23.33	10.60	1.28	0.036
LF-CUT19	Layflat Cutter - 19mm GREEN	1	50	23.33	10.60	1.28	0.036
<b>400 Series Barb Tools</b>							
 INS-400XS	400B Cutting and Inserting Tool - Extra Short	10	80	25.43	11.56	1.28	0.036
INS-400S	400B Cutting and Inserting Tool - Short	10	80	25.43	11.56	1.28	0.036
INS-400AS	400B Cutting and Inserting Tool with Adjustable Tip - Short	10	80	25.43	11.56	1.28	0.036
INS-400AL	400B Cutting and Inserting Tool with Adjustable Tip - Long	10	80	25.43	11.56	1.28	0.036
TIP-400XS	400B Replacement Tip - Extra Short	27	216	25.43	11.56	1.28	0.036
TIP-400S	400B Replacement Tip - Short	27	216	25.43	11.56	1.28	0.036
TIP-400AS	400B Replacement Adjustable Tip - Short	27	216	25.43	11.56	1.28	0.036
TIP-400AL	400B Replacement Adjustable Tip - Long	24	192	25.43	11.56	1.28	0.036

Note: \*All Swivels are assembled with a washer. Screen option is also available.




Fittings Selection Chart					
Nominal Size ID	Series Number	Inside Diameter Tolerance		Wall Thickness Tolerance	
		Inches	Millimeters	Inches	Millimeters
16mm & 17mm	500	0.519 - 0.590	13.2 - 15.0	0.020 - 0.055	0.50 - 1.40
18mm	600	0.598 - 0.649	15.2 - 16.5	0.030 - 0.055	0.75 - 1.40
20mm	700	0.677 - 0.728	17.2 - 18.5	0.032 - 0.055	0.80 - 1.40
22mm	800	0.787 - 0.846	20.0 - 21.5	0.040 - 0.059	1.00 - 1.50



To order, call Toro Ag  
Customer Service: + 1(877) 373-0087 or +1 (619) 596-2495

# Hose & Dripline Fittings

## Barbed Hose Fittings (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube		
		Bag	Carton	Lbs.	Kilos	Ft.	M.	
<b>Barbed Couplings</b>								
 FBC400B	400 Series Barb Coupling	500	1500	—	—	1.28	0.036	
FBC500	500 Series Barb Coupling	500	1500	—	—	1.28	0.036	
FBC700	700 Series Barb Coupling	200	1000	—	—	1.28	0.036	
FBC1000	1000 Series Barb Coupling	100	500	—	—	1.28	0.036	
<b>Barbed Tees</b>								
 FBT500	500 Series Barb Tee	250	1000	—	—	1.28	0.036	
FBT700	700 Series Barb Tee	50	400	—	—	1.28	0.036	
FBT1000	1000 Series Barb Tee	40	200	—	—	1.28	0.036	
<b>Male Thread Adapters</b>								
 FBA5-50MPT	500 Series Barb x 1/2" Male Pipe Thread Adapter	100	1200	—	—	1.28	0.036	
FBA7-50MPT	700 Series Barb x 1/2" Male Pipe Thread Adapter	100	1000	—	—	1.28	0.036	
FBA10-50MPT	1000 Series Barb x 1/2" Male Pipe Thread Adapter	100	700	—	—	1.28	0.036	
FBA5-75MPT	500 Series Barb x 3/4" Male Pipe Thread Adapter	100	700	—	—	1.28	0.036	
FBA7-75MPT	700 Series Barb x 3/4" Male Pipe Thread Adapter	100	700	—	—	1.28	0.036	
FBA10-75MPT	1000 Series Barb x 3/4" Male Pipe Thread Adapter	100	500	—	—	1.28	0.036	

Nominal Size OD	Series Number	Inside Diameter	
		Inches	Millimeters
16 & 17mm	500	0.519	13.2
20mm	700	0.661	16.8
25mm	1000	0.850	21.6
32mm	1200	1.110	28.2
40mm	1400	1.385	35.2

# Hose & Dripline Fittings

## Barbed Hose Fittings & Accessories (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Coupling, (ID) Barb X (ID) Barb</b>							
FCC0400	0.170" (4mm) ID Barbed Coupling	500	10,000	24.0	11	1	0.038
FCC0400-100	0.170" (4mm) ID Barbed Coupling	100	10,000	24.0	11	1	0.038
<b>Elbow, (ID) Barb X (ID) Barb</b>							
FEE0400	0.170" (4mm) ID Barbed Elbow	500	10,000	16.0	7	1	0.038
FEE0400-100	0.170" (4mm) ID Barbed Elbow	100	10,000	16.0	7	1	0.038
FEE1500	0.570" (15mm) ID Barbed Elbow	100	900	16.0	7	1	0.038
<b>Tee, (ID) Barb X (ID) Barb X (ID) Barb</b>							
FTT0400	0.170" (4mm) ID Barbed Tee	500	10,000	23.0	10	1	0.038
FTT0400-100	0.170" (4mm) ID Barbed Tee	100	10,000	23.0	10	1	0.038
<b>Goof Plugs</b>							
FPG01	Single side hose plug/12 clip	1,200	18,000	12.0	5	1	0.038
FPG02	Dual side hose plug/12 clip	100	10,000	12.0	5	1	0.038
FPG06	Goof Plug - 6mm	1,000	35,000	—	—	1.28	0.036
FPG08	Goof Plug - 8mm	1,000	25,000	—	—	1.28	0.036
FPG10	Goof Plug - 10mm	1,000	16,000	—	—	1.28	0.036
FPG12	Goof Plug - 12mm	1,000	8,000	—	—	1.28	0.036
<b>Figure 8 End Clamp</b>							
FJQ13	13mm figure 8 end clamp	100	2,000	12.0	5	1	0.038
FJQ16	16mm figure 8 end clamp	100	1,600	12.0	5	1	0.038
FJQ20	20mm figure 8 end clamp	—	1,000	14.0	6	1	0.028
FJQ26	26mm figure 8 end clamp	—	1,000	18.0	8	2	0.042
<b>Oetiker 1-Ear Clamps</b>							
WFL0040	(198R) Nominal Size 3/4", Closed .618", Open .779"	100	4,000	29.0	13	1	0.021
WFL0042	(210R) Nominal Size 13/16", Closed .716", Open .827"	100	4,000	20.0	9	1	0.021
WFL0043	(256R) Nominal Size 1", Closed .898, Open .1.008"	100	4,500	30.0	14	1	0.031
WFL0044	(316R) Nominal Size 1 1/4", Closed 1.122", Open 1.244"	100	2,500	24.0	11	1	0.031
WFL0045	(1098) Straight Jaw Pliers	1	10	—	—	—	—
<b>Bug Cap for 1/4" (4mm) Tubing</b>							
BC-025	Bug Cap for 1/4" (4mm) Tubing	25	—	—	—	—	—
<b>Micro Flow Valve, (ID) Barb x (ID) Barb</b>							
FCV-BB	0.170" (4mm) ID Barbed Valve	5	—	—	—	1.35	0.038
<b>Coupling, (ID) Barb X (ID) Barb</b>							
FCC0600	0.250" (6mm) ID Barbed Coupling	500	5,000	—	—	1.35	0.038
FCC1500	0.570" (15mm) ID Barbed Coupling	100	1,500	16.0	7.3	1.35	0.038
<b>Coupling, (ID) Barb X (ID) Barb (with Safety Loc Ring)</b>							
FCC1400-1	0.550" (14mm) ID Barbed Coupling (Dark Green Ring)	100	4,200	25.0	11.3	1.35	0.038
FCC1600-1	0.620" (16mm) ID Barbed Coupling (Blue Ring)	100	3,000	25.0	11.3	1.35	0.038
FCC1800-1	0.710" (18mm) ID Barbed Coupling (Light Green Ring)	100	2,500	25.0	11.3	1.35	0.038
<b>Male Adapter, (ID) Barb x 1/2" MPT</b>							
FAM1500	0.570" (15mm) ID Barb x 1/2" MPT Adapter w/out cap	100	1,000	15.0	6.8	1.35	0.038
<b>Female Adapter, (ID) Barb x 3/4" FHT Swivel</b>							
FAS1500	0.570" (15mm) ID Barb x 3/4" FHT Swivel Adapter w/screen	100	700	23.0	10.4	1.35	0.038
FAS1500-1	0.570" (15mm) ID Barb x 3/4" FHT Swivel Adapter w/washer	100	700	23.0	10.4	1.35	0.038
<b>Adapter Tee, (ID) Barb x (ID) Barb x 3/4" FHT Swivel</b>							
FTS1500	0.570" (15mm) ID Barb x 3/4" FHT Swivel Tee w/screen	100	400	24.0	10.9	1.35	0.038
<b>Hose End, (ID) Barb x 3/4" MHT</b>							
FJA1500	0.570" (15mm) ID Barb x 3/4" MHT w/out cap	100	800	22.0	10.0	1.35	0.038
FJJ1500	0.570" (15mm) ID Barb x 3/4" MHT with cap	100	800	25.0	11.3	1.35	0.038

# Hose & Dripline Fittings

## Oval Hose and Layflat Fittings (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Insert Couplings (Standard)</b>							
C02	2" Insert Couplings Molded	-	50	11.0	5.0	0.694	0.020
C02F	2" Insert Couplings Fabricated	-	-	-	-	-	-
C03	3" Insert Couplings	-	60	30.0	13.6	2.083	0.059
C04	4" Insert Couplings	-	30	22.0	10.0	2.083	0.059
C06	6" Insert Couplings	-	13	27.0	12.3	2.558	0.072
C08	8" Insert Couplings	-	12	48.0	21.8	6.019	0.170
<b>Insert Tee (Standard)</b>							
T02	2" Insert Tee Molded	-	40	15.0	6.8	7.283	2.220
T03	3" Insert Tee	-	15	29.0	13.2	9.022	2.750
T04	4" Insert Tee	-	8	25.0	11.4	7.972	2.430
T06	6" Insert Tee	-	3	32.0	14.5	19.718	6.010
T08	8" Insert Tee	-	1	21.0	9.5	13.189	4.020
<b>Insert Elbow (Standard)</b>							
L02	2" Insert Elbow Molded	-	50	18.0	8.2	7.972	2.430
L03	3" Insert Elbow	-	20	27.0	12.3	9.022	2.750
L04	4" Insert Elbow	-	12	25.0	11.4	7.972	2.430
L06	6" Insert Elbow	-	4	28.0	12.7	9.022	2.750
L08	8" Insert Elbow	-	2	31.0	14.1	13.189	4.020
<b>Insert Spigot Adapters (Standard)</b>							
ISP02	2" Insert Spigot Adapters Molded	-	100	25.0	11.4	2.083	0.0590
ISP02F	2" Insert Spigot Adapters Fabricated	-	-	-	-	-	-
ISP03	3" Insert Spigot Adapters	-	50	30.0	13.6	2.083	0.0590
ISP04	4" Insert Spigot Adapters	-	30	26.0	11.8	2.083	0.0590
ISP06	6" Insert Spigot Adapters	-	12	28.0	12.7	2.558	0.0724
ISP08	8" Insert Spigot Adapters	-	12	51.0	23.2	6.019	0.1704
<b>Insert Slip Adapters (Standard)</b>							
IXS02	2" Insert Slip Adapters Molded	-	120	30.0	13.6	2.083	0.0590
IXS03	3" Insert Slip Adapters	-	45	31.0	14.1	2.083	0.0590
IXS04	4" Insert Slip Adapters	-	30	28.0	12.7	2.083	0.0590
IXS06	6" Insert Slip Adapters	-	14	38.0	17.3	4.181	0.1184
IXS08	8" Insert Slip Adapters	-	8	33.0	15.0	4.181	0.1184
<b>Insert Reducers (Standard)</b>							
R32	3" x 2" Insert Reducers	-	60	32.0	14.5	2.083	0.0590
R43	4" x 3" Insert Reducers	-	60	41.0	18.6	2.558	0.0724
R64	6" x 4" Insert Reducers	-	6	25.0	11.4	2.164	0.0613
<b>Insert Male Adapter (Standard)</b>							
MA02	2" Insert Male Adapter Molded	-	-	0.0	0.0	-	-
MA03	3" Insert Male Adapter	-	50	30.0	13.6	-	-
MA04	4" Insert Male Adapter	-	30	26.0	11.8	-	-
MA06	6" Insert Male Adapter	-	12	28.0	12.7	-	-
MA08	8" Insert Male Adapter	-	6/12	26/52	-	-	-
<b>Insert Plug (Standard)</b>							
PL02	2" Insert Plug	-	-	0.0	0.0	-	-
PL03	3" Insert Plug	-	50	30.0	13.6	-	-
PL04	4" Insert Plug	-	30	27.0	12.3	-	-
PL06	6" Insert Plug	-	12	30.0	13.6	-	-
PL08	8" Insert Plug	-	6/12	28/54	-	-	-
<b>Insert Victaulic Groove (Standard)</b>							
VG02PE	2" Victaulic Groove x Plain End Fitting	-	50	13.0	5.9	-	-
VG03PE	3" Victaulic Groove x Plain End Fitting	-	48	31.0	14.1	-	-
VG04PE	4" Victaulic Groove x Plain End Fitting	-	28	25.0	11.4	-	-
VG06PE	6" Victaulic Groove x Plain End Fitting	-	12	27.0	12.3	-	-
VG08PE	8" Victaulic Groove x Plain End Fitting	-	6	23.0	10.5	-	-
VG02IN	2" Victaulic Groove x Insert Barb	-	50	15.0	6.8	-	-
VG03IN	3" Victaulic Groove x Insert Barb	-	50	31.0	14.1	-	-
VG04IN	4" Victaulic Groove x Insert Barb	-	30	26.0	11.8	-	-
VG06IN	6" Victaulic Groove x Insert Barb	-	12	28.0	12.7	-	-
VG08IN	8" Victaulic Groove x Insert Barb	-	6	26.0	11.8	-	-
VG02PE-80	2" Victaulic Groove x Plain End Fitting SCH 80	-	50	32.0	14.5	-	-
VG03PE-80	3" Victaulic Groove x Plain End Fitting SCH 80	-	25	24.0	10.9	-	-
VG04PE-80	4" Victaulic Groove x Plain End Fitting SCH 80	-	30	45.0	20.4	-	-
VG06PE-80	6" Victaulic Groove x Plain End Fitting SCH 80	-	12	33.0	15.0	-	-
VG08PE-80	8" Victaulic Groove x Plain End Fitting SCH 80	-	6	26.0	11.8	-	-
VG02IN-80	2" Victaulic Groove x Insert Barb SCH 80	-	50	36.0	16.3	-	-
VG03IN-80	3" Victaulic Groove x Insert Barb SCH 80	-	25	31.0	14.1	-	-
VG04IN-80	4" Victaulic Groove x Insert Barb SCH 80	-	30	48.0	21.8	-	-
VG06IN-80	6" Victaulic Groove x Insert Barb SCH 80	-	12	46.0	20.9	-	-
VG08IN-80	8" Victaulic Groove x Insert Barb SCH 80	-	6	41.0	18.6	-	-

## Hose & Dripline Fittings

### Oval Hose and Layflat Clamps (Category VIII)



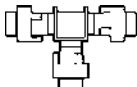
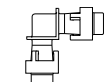
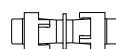
Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Worm Gear Clamps, Stainless Steel</b>							
Clamp1.5	1.5" Worm Gear Clamp, Stainless Steel	-	400	23.4	10.6	1.03	0.314
Clamp2	2.0" Worm Gear Clamp, Stainless Steel	-	400	23.4	10.6	1.03	0.314
Clamp3	3.0" Worm Gear Clamp, Stainless Steel	-	300	21.2	9.6	1.41	0.431
Clamp4	4.0" Worm Gear Clamp, Stainless Steel	-	200	16.0	7.3	1.36	0.414
Clamp6	6.0" Worm Gear Clamp, Stainless Steel	-	100	11.5	5.2	1.64	0.499
Clamp8	8.0" Worm Gear Clamp, Stainless Steel	-	100	13.4	6.1	0.65	0.197

### Take-off Fittings for PVC (Category VIII)



Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Box		Lbs.	Kilos	Ft.	M.
<b>Take-off Adaptors</b>							
XP-13x13	13 mm grommet inlet x 13mm takeoff	1,600		18.0	8.16	—	—
XP-13x14	13 mm grommet inlet x 14mm takeoff	1,600		22.0	9.98	—	—
XP-13x15	13 mm grommet inlet x 15 mm takeoff	1,400		21.0	9.53	—	—
XP-16x16	16 mm grommet inlet x 16 mm takeoff	1,000		18.0	8.16	—	—
XP-16x18	16 mm grommet inlet x 18 mm takeoff	1,000		22.0	9.98	—	—
XP-19x21	19 mm grommet inlet x 21 mm takeoff	—		—	—	—	—
<b>Drill Bit for Take-Off Adaptors</b>							
ANT-51848	Drill bit for Take-Off Adaptors 13 mm						
ANT-51858	Drill bit for Take-Off Adaptors 16 mm						
ANT-51868	Drill bit for Take-Off Adaptors 19 mm						
<b>Rubber Grommets</b>							
CAP-13	Rubber Grommet 13mm	5,500		23.0	10.43	—	—
CAP-16	Rubber Grommet 16mm	2,700		23.0	10.43	—	—
CAP-19	Rubber Grommet 19mm	1,000		23.0	10.43	—	—
<b>Wedge Plug</b>							
FTC13	13mm Wedge Plug, PVC drill size 19/32", poly drill size 37/64", min PVC size 1" 25mm	100	3,000	18.0	8.2	1.35	0.038
FTC16	16mm Wedge Plug, PVC drill size 23/32", poly drill size 45/64", min PVC size 1-1/4" 32mm	100	2,200	18.0	8.2	1.35	0.038

### Hose Fittings, Loc-Eze® (Category VIII)



Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
FCC16	0.620" (16mm) ID Loc-Eze Coupling	100	1,000	25.0	11.3	1.35	0.038
FEE16	0.620" (16mm) ID Loc-Eze Elbow	100	700	21.0	9.5	1.35	0.038
FTT16	0.620" (16mm) ID Loc-Eze Tee	100	500	23.0	10.4	1.35	0.038
FAM16	0.620" (16mm) ID Loc-Eze x 1/2" MPT Adapter w/out cap	100	900	22.0	10.0	1.35	0.038
FJA16	0.620" (16mm) ID Loc-Eze x 3/4" MHT Hose End w/out cap	100	800	24.0	10.9	1.35	0.038
FJJ16	0.620" (16mm) ID Loc-Eze x 3/4" MHT Hose End with cap	100	600	30.0	13.6	1.35	0.038
FAS16	0.620" (16mm) ID Loc-Eze x 3/4" FHT Swivel Adapter w/screen	100	700	26.0	11.8	1.35	0.038
FAS16-1	0.620" (16mm) ID Loc-Eze x 3/4" FHT Swivel Adapter w/washer	100	700	26.0	11.8	1.35	0.038

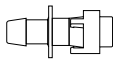

#### Ordering Information:

◇ = MADE TO ORDER. Minimum order quantity will apply. Please consult Toro Ag Customer Service for availability.


Shaded area indicates products being discontinued. Limited to available stocks on hand.

# Hose & Dripline Fittings

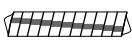
## Hose Fittings, Loc-Eze® & Accessories (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
							
<b>Oval Hose Connector, 7mm Barb X Hose (ID) Loc-Eze</b>							
FCA0716	7mm barb x 16mm Loc-Eze	100	1,500	25.0	11.3	1.35	0.038
FEP3559	7mm barb x 16mm w/out ring	—	2,000	27.0	12.2	1.35	0.038
							
<b>Rubber Grommet, takeoff for PVC X 7mm Barb</b>							
FGP10	Rubber Grommet for 7mm Barb (for use with FCA fittings), use drill bit size 9/16"	—	5,000	22.0	10.0	0.92	0.026

## Clip Rings for Clipperhose™ (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
							
<b>Clip Rings for Clipperhose™ (suitable for 14 Gauge Wire)</b>							
CLPAG18	0.710" ~ 0.720" OD (18mm OD) Clip Ring	—	5,000	30.0	13.7	1.57	0.044
CLPAG20	0.805" ~ 0.830" OD (20mm OD) Clip Ring	—	5,000	24.0	10.9	1.57	0.044

## H-Curls (Category VIII)


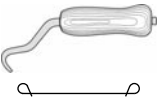
Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Carton	Gaylord	Lbs.	Kilos	Ft.	M.
							
<b>H-Curls (Carton Quantities)</b>							
HC13-3.0-1000	13mm X 3" long for hose 0.640" to 0.720" OD.	1,000	—	12.0	6	1	0.038
HC13-4.0-1000	13mm X 4" long for hose 0.680" to 0.760" OD.	1,000	—	13.0	6	1	0.038
HC16-3.0-1000	16mm X 3" long for hose 0.780" to 0.860" OD.	1,000	—	12.0	6	1	0.038
HC16-4.0-1000	16mm X 4" long for hose 0.880" to 0.960" OD.	1,000	—	12.0	6	1	0.038
<b>H-Curls (Gaylord Quantities)</b>							
HC13-3.0	13mm X 3" long for hose 0.640" to 0.720" OD.	—	30,000	280.0	127	37	1.059
HC13-4.0	13mm X 4" long for hose 0.680" to 0.760" OD.	—	30,000	280.0	127	37	1.059
HC16-3.0	16mm X 3" long for hose 0.780" to 0.860" OD.	—	32,000	325.0	148	37	1.059
HC16-4.0	16mm X 4" long for hose 0.880" to 0.960" OD.	—	24,000	220.0	100	37	1.059

Shaded area indicates products being discontinued. Limited to available stocks on hand.




## Hose & Dripline Fittings

### Hose Fittings Accessories (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Rubber Grommet Adapters, for PVC.</b>							
 FGR15	Rubber Grommet with 1/2" FPT , drill size 1.0" 25.5mm, min PVC size: 1-1/2" 40mm (for use with FAM fittings)	—	1,500	25.0	11.3	1.35	0.038
FGR20	Rubber Grommet with 3/4" FPT , drill size 1.2" 30mm, min PVC size: 1-1/2" 40mm (for use with FAM fittings)	—	1,000	25.0	11.3	1.35	0.038
FGR25	Rubber Grommet with 1" FPT , drill size 1.5" 38mm, min PVC size: 2" 50mm	—	700	25.0	11.3	1.35	0.038
<b>Threaded Cap &amp; Washers</b>							
FEP1380	3/4" FHT Cap w/ Washer	100	1,200	12.0	5.4	1.35	0.038
FEP1376	3/4" Washer w/ Screen	—	5,000	25.0	11.3	1.50	0.042
FEP1377	3/4" Washer	—	7,000	22.0	10.0	1.00	0.028
<b>Wire Ties &amp; Handles</b>							
 FMH08-1	Wire tie handle	—	1	—	—	—	—
FWA01-5000	Stainless steel wire tie, 18 gauge, 6" long, 5000 quantity	—	5,000	22.0	10.0	0.91	0.026
FWA02-5000	Galvanized steel wire tie, 18 gauge, 6" long, 5000 quantity	—	5,000	24.0	10.9	0.63	0.018
FWA03-5000	Stainless steel wire tie, 18 gauge, 7" long, 5000 quantity	—	5,000	—	—	—	—
FWA04-5000	Stainless steel wire tie, 18 gauge, 8" long, 5000 quantity	—	5,000	—	—	—	—
FWA05-5000	Galvanized steel wire tie, 16 gauge, 10" long, 5000 quantity	—	5,000	—	—	—	—
<b>Locating Stakes</b>							
SS6-50	6" Galv. Steel Soil Staple for 10mm to 20mm Hose	50	1,000	38.0	17.2	0.44	0.013

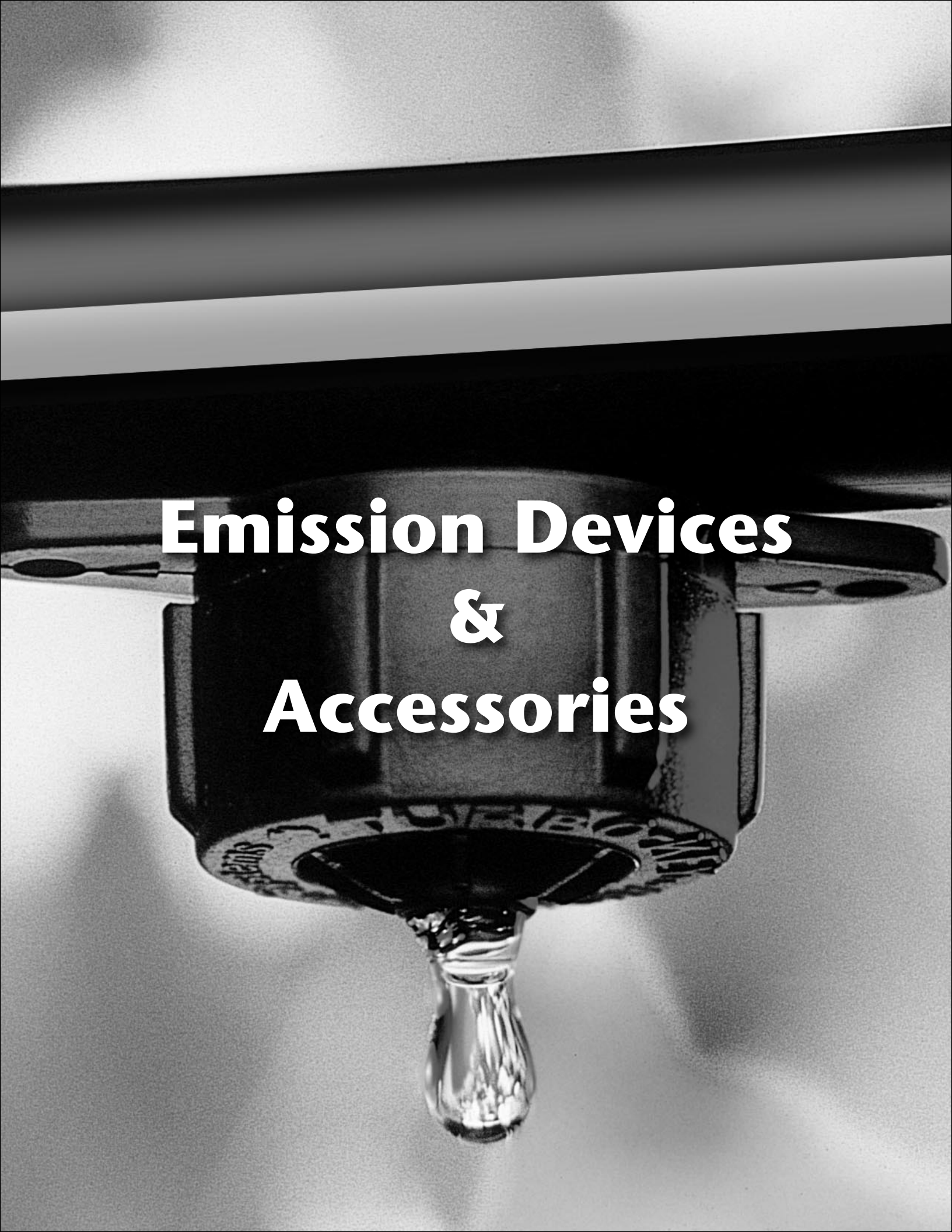
### Check & Flush Valves (Category VI)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
 JVO500-S2	Inline Valve for 5/8" OD Tubing	25	500	—	—	—	—
<b>Flush Valve</b>							
FCH-H-FIPT	3/4"FPT, .8 gpm, 2 psi Sealing Pressure, Flush Valve	1	—	—	—	—	—
FCH-H-FHT	3/4"FHT, .8 gpm, 2 psi Sealing Pressure, Flush Valve	50	1,200	25	11.3	1.81	0.051

#### Ordering Information:

◇ = MADE TO ORDER. Minimum order quantity will apply. Please consult Toro Ag Customer Service for availability.





**Emission Devices  
&  
Accessories**

## Emission Devices

### N.G.E® AL Next Generation Pressure-Compensating Emitter (Category IV)

Flow rate expressed gph @ 30 psi (2 Bar)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.



3mm outlet

#### N.G.E® AL (Anti-Drain) Pressure Compensating Turbulent Flow Emitter, 3mm barb Outlet

DPCT02-3-AL-BLUE	0.53 gph (2 lph) N.G.E® AL, 3MM Barbed Outlet (Light Blue Base)	100	5,000	27	12.25	1.35	0.038
DPCT03-3-AL-GRN	0.8 gph (3 lph) NGE AL, 3MM Barbed Outlet (Light Green Base)	100	5,000	27	12.25	1.35	0.038
DPCT04-3-AL-BLK	1.06 gph (4 lph) N.G.E® AL, 3MM Barbed Outlet (Grey Base)	100	5,000	27	12.25	1.35	0.038
DPCT08-3-AL-RED	2.11 gph (8 lph) NGE AL, 3MM Barbed Outlet (Light Red Base)	100	5,000	27	12.25	1.35	0.038



MA outlet

#### N.G.E® AL (Anti-Drain) Pressure Compensating Turbulent Flow Emitter, Male Adapter Outlet

DPCT02-MA-AL-BLUE	0.53 gph (2 lph) N.G.E® AL w/Male Adapter (Light Blue Base)	100	5,000	27	12.25	1.35	0.038
DPC03-MA-AL-GRN	0.75 gph (3 lph) N.G.E® AL w/ Male Adaptor (Light Green Base)	100	5,000	27	12.25	1.35	0.038
DPCT04-MA-AL-BLK	1.06 gph (4 lph) N.G.E® AL w/ Male Adaptor (Grey Base)	100	5,000	27	12.25	1.35	0.038
DPCT08-MA-AL-RED	2.11 gph (8 lph) N.G.E® AL w/ Male Adaptor (Light Red Base)	100	5,000	27	12.25	1.35	0.038

-MA (Male Adapter) suitable for use with Spider Assemblies (Part No. DBWSxxx-xx)

### N.G.E® SF Next Generation Pressure-Compensating Emitter (Category IV)

Flow rate expressed gph @ 30 psi (2 Bar)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.



3mm outlet

#### N.G.E® SF (Self Flushing) Pressure Compensating Turbulent Flow Emitter, 3mm barb Outlet

DPCT02-3-BLUE	0.53 gph (2 lph) N.G.E® SF, 3MM Barbed Outlet (Blue Base)	100	5,000	27	12.25	1.35	0.038
DPCT03-3-GRN	0.8 gph (3 lph) N.G.E., SF, 3MM Barbed Outlet (Green Base)	100	5,000	27	12.25	1.35	0.038
DPCT04-3-BLK	1.06 gph (4 lph) N.G.E® SF, 3MM Barbed Outlet (Black Base)	100	5,000	27	12.25	1.35	0.038
DPCT08-3-RED	2.11 gph (8 lph) NGE SF, 3MM Barbed Outlet (Red Base)	100	5,000	27	12.25	1.35	0.038

#### N.G.E® SF (Self Flushing) Pressure Compensating Turbulent Flow Emitter, Male Adapter Outlet

DPC03-MA-GREEN	0.75 gph (3 lph) N.G.E® SF w/ Male Adaptor (Green Base)	100	5,000	27	12.25	1.35	0.038
DPC08-MA-RED	2.11 gph (8 lph) N.G.E® SF w/ Male Adaptor (Red Base)	100	5,000	27	12.25	1.35	0.038

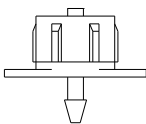
SF emitters are not recommended to use with Spider assemblies; please select the AL versions

### Turbo-SC® Plus Emitter (Category IV)

with Male Adapter Outlet

Flow rate expressed gph @ 30 psi (2 Bar)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.



#### Turbo-SC® Plus Pressure Compensating Turbulent Flow Emitter with Male Adapter

DPJ02-A-BLUE	0.53 gph (2 lph) Turbo-SC® Plus (Black Blue Base)	100	2,600	27.00	12.25	1.35	0.038
DPJ04-A	1.06 gph (4 lph) Turbo-SC® Plus (Black Base)	100	2,600	27.00	12.25	1.35	0.038
DPJ08-A-RED	2.11 gph (8 lph) Turbo-SC® Plus (Black Red Base)*	100	2,600	27.00	12.25	1.35	0.038

### Turbo-Plus™ II Emitter (Category IV)

with Self Piercing Barb Inlet & Male Adapter Outlet

Flow rate expressed gph @ 30 psi (2 Bar)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.



#### Turbo-Plus II Pressure Compensating Turbulent Flow Emitter with Self Piercing Barb Inlet & Male Adapter Outlet

DPJ02-3	0.53 gph (2 lph) Turbo-Plus™ II (Black Base) (#1014052)	200	2,000	27.00	12.25	1.35	0.038
DPJ04-3	1.06 gph (4 lph) Turbo-Plus™ II (Black Base) (#1014054)	200	2,000	27.0	12.25	1.35	0.038
DPJ08-3	2.11 gph (8 lph) Turbo-Plus™ II (Black Base) (#1014058)	200	2,000	27.00	12.25	1.35	0.038

Shaded area indicates products being discontinued. Limited to available stocks on hand.

## Emission Devices

### Turbo-Key® II Emitter (Category IV)

with Self Piercing Barb Inlet

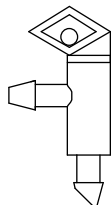
Flow rate expressed gph @ 15 psi (1 Bar)



Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Turbo-Key® II Turbulent Flow Emitter with Self Piercing Barb Inlet</b>							
DNK02-3	0.53 gph (2 lph) Turbo-Key® (Black Base/White Pill) (#1014002)	200	2,000	28.00	15.42	2.20	0.038
DNK04-3	1.06 gph (4 lph) Turbo-Key® (Black Base/Blue-Black Pill) (#1014004)	200	2,000	28.00	15.42	2.20	0.038
DNK08-3	2.11 gph (8 lph) Turbo-Key® (Black Base/Green Pill) (#1014008)	200	2,000	28.00	15.42	2.20	0.038

### E-2® Emitter (Category IV)

Flow rate expressed gph @ 15 psi (1 Bar)



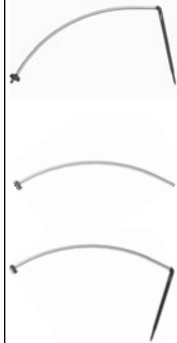
Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>E-2® Laminar Flow Emitter with Self Piercing Barb Inlet &amp; Barb Outlet (Bags of 100)</b>							
DBK04-100	1.06 gph (4 lph) E-2® (Black Insert)	100	5,000	33.00	14.97	1.35	0.038
DBK08-100	2.11 gph (8 lph) E-2® (Black Insert)	100	5,000	33.00	14.97	1.35	0.038
DBK16-100	4.23 gph (16 lph) E-2® (Black Insert)	100	5,000	33.00	14.97	1.35	0.038
<b>E-2® Laminar Flow Emitter with Self Piercing Barb Inlet &amp; Barb Outlet (Bags of 1,000)</b>							
DBK04	1.06 gph (4 lph) E-2® (Black Insert)	1,000	10,000	33.00	14.97	1.35	0.038
DBK08	2.11 gph (8 lph) E-2® (Black Insert)	1,000	10,000	33.00	14.97	1.35	0.038
DBK16	4.23 gph (16 lph) E-2® (Black Insert)	1,000	10,000	33.00	14.97	1.35	0.038

· Barb Outlet is suitable for use with Micro-Distribution Hose (Part No. EVR0433-xxx)

## Emitter Accessories

### White Spider Single Barbed Elbow Stake Assembly (Category IV)

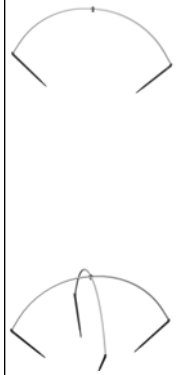
Single Outlet Device for use with NGE Emitters with Male Adaptor (Part No. DPCxx-MA)  
 Tubing made from PEFLEX material



Part Number	Description	Quantity		Cube		Weight		Quantity		Carton Weight		Carton Cube	
		Gaylord	Gaylord	Gaylord	Gaylord	Bag	Carton	Lbs.	Kilos	Ft.	M.		
<b>Dripper Stake Assembly</b>													
DWST1-24-02AL	Dripper Stake Assembly 0.5 gph (2 LPH) 24" Tube, Angle Barbed Stake	—	800	16.0	7.3	—	800	16.0	7.3	1.26	0.036		
DWST1-30-02AL	Dripper Stake Assembly 0.5 gph (2 LPH) 30" Tube, Angle Barbed Stake	—	800	22.0	10.0	—	800	22.0	10.0	1.56	0.044		
DWST1-24-03AL	Dripper Stake Assembly 0.7 gph (3 LPH) 24" Tube, Angle Barbed Stake	—	800	16.0	7.3	—	800	16.0	7.3	1.26	0.036		
DWST1-30-03AL	Dripper Stake Assembly 0.7 gph (3 LPH) 30" Tube, Angle Barbed Stake	—	800	22.0	10.0	—	800	22.0	10.0	1.56	0.044		
<b>White Spider - No Stake , Elbow fitting, Leader Tube (this assembly is used with the Clip Stake (IPS0301OSW))</b>													
DWST1N-18	Singe Spider Assembly, no stake, 18" Leader Tube	—	800	16.0	7.3	—	800	16.0	7.3	1.26	0.036		
DWST1N-24	Singe Spider Assembly, no stake, 24" Leader Tube	—	800	22.0	10.0	—	800	22.0	10.0	1.56	0.044		
DWST1N-30	Singe Spider Assembly, no stake, 30" Leader Tube	—	800	23.0	10.4	—	800	23.0	10.4	1.70	0.048		
<b>White Spider Single Stake Assembly, Elbow fitting, Leader Tube &amp; Angle Barbed Stake</b>													
DWST1-24	24" (60cm) Leader Tube	—	800	16.0	7.3	—	800	16.0	7.3	1.26	0.036		
DWST1-30	30" (76cm) Leader Tube	—	800	22.0	10.0	—	800	22.0	10.0	1.56	0.044		
DWST1-36	36" (91cm) Leader Tube	—	800	23.0	10.4	—	800	23.0	10.4	1.70	0.048		

### White Spider Assembly (Category IV)

Multi-Outlet Device for use with NGE AL Emitters with Male Adaptor (Part No. DPCTxx-MA-AL-xxxx)  
 Tubing made from PEFLEX material, white exterior over black core



Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>White Spider Assembly 2-Way, Tee fitting, Leader Tubes &amp; Angle Turbo Stakes</b>							
DWST2Q-18	18" (45cm) Leader Tubes	—	360	14.0	6.4	1.04	0.029
DWST2Q-24	24" (60cm) Leader Tubes	—	360	17.0	7.7	1.26	0.036
DWST2Q-30	30" (76cm) Leader Tubes	—	360	21.0	9.5	1.56	0.044
DWST2Q-36	36" (91cm) Leader Tubes	—	360	22.0	10.0	1.70	0.048
<b>White Spider Assembly 2-Way, Tee fitting with male adaptor, Leader Tubes &amp; Angle Turbo Stakes</b>							
DWST2QMA-18	18" (45cm) White Spider with MA 2 Stake Assy	—	360	14.0	6.4	1.04	0.029
DWST2QMA-24	24" (60cm) White Spider with MA 2 Stake Assy	—	360	17.0	7.7	1.26	0.036
DWST2QMA-30	30" (76cm) White Spider with MA 2 Stake Assy	—	360	21.0	9.5	1.56	0.044
DWST2QMA-36	36" (91cm) White Spider with MA 2 Stake Assy	—	360	22.0	10.0	1.70	0.048
<b>White Spider Assembly 4-Way, 4-way cross fitting, Leader Tubes &amp; Angle Turbo Stakes</b>							
DWST4Q-18	18" (45cm) Leader Tubes	—	180	9.0	4.1	1.04	0.029
DWST4Q-24	24" (60cm) Leader Tubes	—	180	18.0	8.2	1.26	0.036
DWST4Q-30	30" (76cm) Leader Tubes	—	180	20.0	9.1	1.56	0.044
DWST4Q-36	36" (91cm) Leader Tubes	—	180	21.0	9.5	1.70	0.048
DWST4Q-1830	(2) 18" (45cm) & (2) 30" (76cm) Leader Tubes	—	180	9.0	4.1	1.04	0.029
DWST4Q-2436	(2) 24" (60cm) & (2) 36" (91cm) Leader Tubes	—	180	18.0	8.2	1.26	0.036

## Emitter Accessories

### Spider & Single Stake Components (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.



#### Single Stake Fittings & Stakes

FBS1E	Spider Fitting - 1 Outlet Barbed Elbow x Female Adapter	1,000	20,000	32.0	14.5	1.35	0.038
FBS1S	Spider Fitting - 1 Outlet Barbed Straight x Female Adapter	1,000	20,000	32.0	14.5	1.35	0.038
IPST0301BQ	Spider Stake - Barbed Elbow	—	3,500	24.0	10.9	1.40	0.040
IPS0301OSW	Spider Snap-in Stake	—	500				

#### Black Spider Fittings & Stakes



FBS2	Spider Fitting - 2 Outlet Barbed Tee x Female Adapter	1,000	20,000	36.0	16.3	1.35	0.038
FBS2-MA	Spider Fitting - 2 Outlet Barbed Manifold x Female / Male Adaptor	1,000	15,000	30.0	13.6	1.35	0.038
FBST4-X	Dripper Fitting - 4-way Cross						
IPST0301	Spider Stake - Turbulent Flow Straight	—	800	5.0	2.3	0.46	0.013
IPST0301Q	Spider Stake - Turbulent Flow Elbowed	—	2,500	8.0	3.6	0.46	0.013

### Spider Leader Tube (Category III)



Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bundle	Carton	Lbs.	Kilos	Ft.	M.

#### Spider Leader Tube - Pre-Cut Lengths (White Exterior with Black Core (0.126" ID x 0.196" OD x 0.035" Wall))

SFHWT0335-12	12" (30cm) Length	100	4,000				
SFHWT0335-18	18" (45cm) Length	100	3,000				
SFHWT0335-24	24" (60cm) Length	100	2,000				
SFHWT0335-30	30" (76cm) Length	100	2,000				
SFHWT0335-36	36" (91cm) Length	100	1,500				

### Spider Leader Tube - Reels (Category III)



Part Number	Material	Size		Nominal Hose Size			Coil Length		Coil Ship Weight		Coils Per	
		inch	mm	ID inch	OD inch	Wall inch	Ft.	M.	Lbs.	Kilos	Box	Pallet

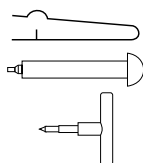
#### 1/8" PEVA Micro-Distribution Hose, White

WHDT0335-100	PE FLEX	1/8"	3	0.126"	0.196"	0.035"	1,000	305	7.2	3.3	2	100
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#### 1/8" PEFLEX Micro-Distribution Hose, Black

MP196X126-1000W	PE FLEX	1/8"	3	0.126"	0.196"	0.035"	1,000	305	7.2	3.3	2	108
MP196X126-2500W	PE FLEX	1/8"	3	0.126"	0.196"	0.035"	2,500	762	18	8.2	1	54

### Punches & Tools (Category VIII)



Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.

IT-DNK00	DNK/DPJ Turbo-Key/Plus Disassembly Wrench	10	—	—	—	—	—
FMP16	Hose punch to insert 4mm barb fitting, stainless steel	1	250	38.0	17.2	1.63	0.046
FMP08	Hose punch to insert 4mm barb fitting, plastic/steel	1	2,100	—	—	—	—
FHP16	Oval hose punch, steel	1	—	—	—	—	—

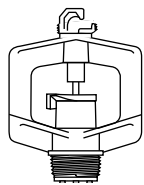




# Micro-Sprinklers

## Micro-Sprinkler VI Classic (Category V)

Flow rate expressed in gph @ 20 psi (1,4 Bar)



Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Micro-Sprinkler VI Classic 3/8" MPT Inlet</b>							
SAM610	9.1 gph (34,4 lph) w/ Black Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038
SAM613	13.7 gph (51,0 lph) w/ White Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038
SAM614	19.0 gph (71,9 lph) w/ Maroon Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038
SAM616	24.8 gph (93,0 lph) w/ Green Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038
SAM620	33.7 gph (127,6 lph) w/ Blue Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038
SAM622	39.0 gph (147,6 lph) w/ Gray Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038
SAM624	48.0 gph (182,1 lph) w/ Yellow Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038
SAM628	65.1 gph (246,4 lph) w/ Red Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038

- ◇ 101WB6-LTD-KIT Low Trajectory Spinner & Bearing Kit — 500 — — — —
- For Micro-Sprinkler VI Classic with break-off deflector tab spinner add -D to the part number. Example: SAM616-D.
- Note: SAM622, 624 & 628 not available with break-off deflector tab spinner

## Micro-Sprinkler VI Classic Stake Assemblies (Category V)

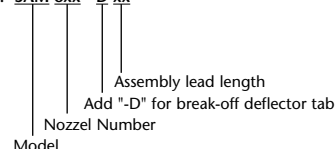
(To order stake assembly: replace xxx with the last 3 digits of the Micro-Sprinkler® VI part number. Example: SAM613 would be SAM61330)



Part Number	Description	Quantity		Gaylord Weight		Gaylord Cube	
		Bundle	Gaylord	Lbs.	Kilos	Ft.	M.
<b>Micro-Sprinkler VI Classic Stake Assembly</b>							
◇ SAMxxx24	Micro-Sprinkler VI Stake Assembly w/ 24" Leader Tube	25	—	—	—	—	—
◇ SAMxxx30	Micro-Sprinkler VI Stake Assembly w/ 30" Leader Tube	25	—	—	—	—	—
◇ SAMxxx36	Micro-Sprinkler VI Stake Assembly w/ 36" Leader Tube	25	—	—	—	—	—
◇ SAMxxx48	Micro-Sprinkler VI Stake Assembly w/ 48" Leader Tube	25	—	—	—	—	—
◇ SAMxxx60	Micro-Sprinkler VI Stake Assembly w/ 60" Leader Tube	25	—	—	—	—	—

- Assemblies will include Micro-Sprinkler, CPS1004 Stake, 24", 30", 36", or 48" Leader Tube, and 4mm Coupling
- For Micro-Sprinkler VI Classic with break-off deflector tab spinner add -D to the part number. Example: SAM616-D30.
- Note: SAM622, 624 & 628 not available with break-off deflector tab spinner

Part Number: SAM 6xx - D xx



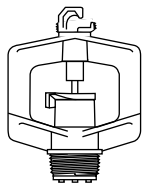
### Ordering Information:

◇ = MADE TO ORDER. Minimum order quantity will apply. Please consult Toro Ag Customer Service for availability.

# Micro-Sprinklers

## Micro Sprinkler PC (Pressure Compensating) (Category V)

Flow rate expressed in gph @ 40 psi (2,75 Bar)



Part Number	Description	Quantity		Carton Weight		Carton Cube		
		Bag	Carton	Lbs.	Kilos	Ft.	M.	
<b>Micro-Sprinkler PC 3/8" MPT Inlet</b>								
MS7PC9	9.2 gph (35 lph) w/ Black Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038	
MS7PC12	12.2 gph (46 lph) w/ Light Blue Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038	
MS7PC15	14.8 gph (56 lph) w/ White Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038	
MS7PC20	19.3 gph (73 lph) w/ Maroon Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038	
MS7PC26	24.8 gph (94 lph) w/ Green Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038	
MS7PC31	29.3 gph (111 lph) w/ Purple Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038	
MS7PC35	33.8 gph (128 lph) w/ Blue Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038	
MS7PC40	38.0 gph (144 lph) w/ Gray Nozzle, 3/8" MPT Inlet	50	1,500	25.0	11.34	1.35	0.038	

• For Micro Sprinkler PC with break-off deflector tab spinner add "D" to the part number. Example: MS7PC9D.

## Micro Sprinkler PC - Stake Assemblies (Category V)

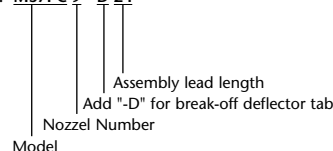
(To order stake assembly: replace xx with the last 1 or 2 digits of the Micro Sprinkler part number. For example, MS7PC9 with a 24" leader tube would be MS7PC924.)



Part Number	Description	Quantity		Gaylord Weight		Gaylord Cube		
		Bundle	Gaylord	Lbs.	Kilos	Ft.	M.	
<b>Micro Sprinkler PC Stake Assembly</b>								
MS7PCxx24	Micro Sprinkler PC Stake Assembly w/ 24" Leader Tube	25	—	—	—	—	—	
MS7PCxx30	Micro Sprinkler PC Stake Assembly w/ 30" Leader Tube	25	—	—	—	—	—	
MS7PCxx36	Micro Sprinkler PC Stake Assembly w/ 36" Leader Tube	25	—	—	—	—	—	
MS7PCxx48	Micro Sprinkler PC Stake Assembly w/ 48" Leader Tube	25	—	—	—	—	—	
MS7PCxx60	Micro Sprinkler PC Stake Assembly w/ 60" Leader Tube	25	—	—	—	—	—	

• Assemblies will include Micro-Sprinkler, CPS1004 Stake, 24", 30", 36", or 48" Leader Tube, and 4mm Coupling.  
 • For Micro Sprinkler PC with break off deflector tab spinner add "D" to the part number. Example MS7PC9-D30.

Part Number: MS7PC 9 - D 24



### Ordering Information:

◇ = MADE TO ORDER. Minimum order quantity will apply. Please consult Toro Ag Customer Service for availability.

## Micro-Sprinkler Accessories

### Adapters, Bases & Stakes (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Accessories for Micro-Sprinkler</b>							
WBD180R	Micro-Sprinkler® 180 Deg. Red Deflector	50	1,500	—	—	—	—
<b>Stakes for Micro-Sprinkler</b>							
CPS1004	3/8"FPT x 4mm Barbed Stake - Black	—	150	—	—	—	—
◇ CPS1004-1	3/8"FPT x 4mm Barbed Stake - Red	—	150	—	—	—	—
<b>Stake Assemblies for Micro-Sprinkler</b>							
◇ CPS100424	4mm Barbed Stake Assembly w/ 24" Leader Tube & 4mm Take-off	25	—	—	—	—	—
CPS100430	4mm Barbed Stake Assembly w/ 30" Leader Tube & 4mm Take-off	25	—	—	—	—	—
◇ CPS100436	4mm Barbed Stake Assembly w/ 36" Leader Tube & 4mm Take-off	25	—	—	—	—	—
◇ CPS100448	4mm Barbed Stake Assembly w/ 48" Leader Tube & 4mm Take-off	25	—	—	—	—	—
◇ CPS100460	4mm Barbed Stake Assembly w/ 60" Leader Tube & 4mm Take-off	25	—	—	—	—	—
<b>Adapters</b>							
IPG10091	3/8"FPT x 4mm Barb Adapter with 5mm Stake Insert	1,000	4,000	—	—	1.35	0.038

#### Ordering Information:

◇ = MADE TO ORDER. 1,000 minimum order quantity will apply. Please consult Toro Ag Customer Service for availability.

## Micro-Sprinkler Accessories

### Leader Tube with Take-Off (Category VIII)



Part Number	Description	Quantity		Gaylord Weight		Gaylord Cube	
		Bundle	Gaylord	Lbs.	Kilos	Ft.	M.
<b>Leader Tube with Take-Off</b>							
◇ HWF324	4mm Leader Tube 24" w/ 4mm Barb Take-Off for 4mm Barb Stake	100	15,000	650.00	294.80	53.9	1.525
HWF330	4mm Leader Tube 30" w/ 4mm Barb Take-Off for 4mm Barb Stake	100	15,000	800.00	362.90	53.9	1.525
◇ HWF336	4mm Leader Tube 36" w/ 4mm Barb Take-Off for 4mm Barb Stake	100	15,000	950.00	430.90	53.9	1.525
◇ HWF348	4mm Leader Tube 48" w/ 4mm Barb Take-Off for 4mm Barb Stake	100	10,000	800.00	362.90	53.9	1.525
◇ HWF624	6mm Leader Tube 24" w/ 6mm Barb Take-Off for 6mm Barb Stake	100	—	—	—	53.9	1.525
HWF630	6mm Leader Tube 30" w/ 6mm Barb Take-Off for 6mm Barb Stake	100	—	—	—	53.9	1.525
◇ HWF636	6mm Leader Tube 36" w/ 6mm Barb Take-Off for 6mm Barb Stake	100	—	—	—	53.9	1.525
◇ HWF648	6mm Leader Tube 48" w/ 6mm Barb Take-Off for 6mm Barb Stake	100	—	—	—	53.9	1.525

### Leader Tube (Category III)



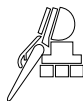
Part Number	Description	Quantity		Gaylord Weight		Gaylord Cube	
		Bundle	Gaylord	Lbs.	Kilos	Ft.	M.
<b>LLDPE Leader Tube (0.153" ID x 0.279" OD x 0.063" Wall)</b>							
◇ SFH0324	4mm Leader Tube 24" for 4mm Barb Stake	Call Toro Ag Customer Service					
SFH0330	4mm Leader Tube 30" for 4mm Barb Stake						
◇ SFH0336	4mm Leader Tube 36" for 4mm Barb Stake						
◇ SFH0348	4mm Leader Tube 48" for 4mm Barb Stake						
<b>LLDPE Leader Tube (0.250" ID x 0.346" OD x 0.048" Wall)</b>							
◇ SFH0624	6mm Leader Tube 24" for 6mm Barb Stake	100	20,000	500.00	226.80	54.90	1.554
◇ SFH0630	6mm Leader Tube 30" for 6mm Barb Stake	100	15,000	750.00	340.20	54.90	1.554
◇ SFH0636	6mm Leader Tube 36" for 6mm Barb Stake	100	15,000	850.00	385.60	54.90	1.554
◇ SFH0648	6mm Leader Tube 48" for 6mm Barb Stake	100	10,000	600.00	272.20	54.90	1.554

**Ordering Information:**

◇ = MADE TO ORDER. 1,000 minimum order quantity will apply. Please consult Toro Ag Customer Service for availability.

## Accessories

### Miscellaneous Accessories (Category VIII)



Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Gauges</b>							
GPP04	Air chuck adapter	—	10	—	—	—	—
GPM0100	0-100 psi Pressure Gauge, 1/4" MPT	—	96	—	—	—	—
<b>Schrader Valves</b>							
GPV01	1/4" MNPT Schrader Valve	—	10	—	—	—	—
GPV02-01	1/8" MNPT Schrader Valve* <i>*use a 21/64" or "R" size drill bit and a 1/8" NPT tap</i>	—	10	—	—	—	—
<b>Accessories</b>							
A-995-01	Flow Gauge	1	—	—	—	—	—
◇ A-5-309	Gauge (Flow Gauge)	1	—	—	—	—	—
◇ A-53693	Poly Hose Cutter	Call Toro Ag Customer Service					
<b>Groove Connectors</b>							
ZCP9531-03	3" Grooved Connector	—	1	3.20	1.50	0.02	0.001
ZCP9531-04	4" Grooved Connector	—	1	3.70	1.70	0.02	0.001
IKA01100	Adapter 4" Grooved x Spigot	—	1	1.00	0.45	0.09	0.003

**Ordering Information:**

◇ = MADE TO ORDER. Minimum order quantity will apply. Please consult Toro Ag Customer Service for availability.



**Chemical  
Injection**

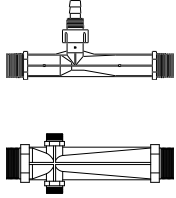
# Chemical Injection

## Mazzei® Injectors® NPT Thread (Category VIII)

for Fertigation / Chemigation with no Moving Parts

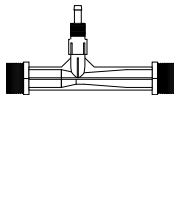
Water Suction Capacity with inlet pressure at 50 psi & outlet pressure at 0 psi

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Box	Carton	Lbs.	Kilos	Ft.	M.
<b>Mazzei Injectors PVDF with NPT Thread</b>							
AIV283	1/2" MNPT PVDF, 6.0 gph (22.7 lph) Suction	1	—	0.100	0.045	0.01	0.001
AIV287	1/2" MNPT PVDF, 8.3 gph (31.4 lph) Suction	1	—	0.100	0.045	0.01	0.001
AIV384	1/2" MNPT PVDF, 14.1 gph (53.4 lph) Suction	1	—	0.172	0.078	1.69	0.048
AIV384X	1/2" MNPT PVDF 33.9 gph (128.4 lph) Suction	1	—	0.13	0.061	1.69	0.048
AIV484	1/2" MNPT PVDF, 17.4 gph (65.9 lph) Suction	1	—	0.174	0.079	1.69	0.048
AIV584C	1/2" MNPT PVDF, 25.6 gph (96.9 lph) Suction	1	—	0.176	0.080	1.69	0.048
AIV484A	3/4" MNPT PVDF, 17.4 gph (65.9 lph) Suction	1	—	0.206	0.093	1.69	0.048
AIV484X	3/4" MNPT PVDF, 41.7 gph (157.8 lph) Suction	1	—	0.206	0.093	1.69	0.048
AIV584	3/4" MNPT PVDF, 25.6 gph (96.9 lph) Suction	1	—	0.200	0.091	1.69	0.048
AIV684	3/4" MNPT PVDF, 25.0 gph (94.6 lph) Suction	1	—	0.204	0.093	1.69	0.048
AIV784	3/4" MNPT PVDF, 31.2 gph (118.1 lph) Suction	1	—	0.204	0.093	1.69	0.048
AIV878	1" MNPT PVDF, 74.8 gph (283.1 lph) Suction	1	—	0.530	0.240	3.09	0.088
AIV885X	1" MNPT PVDF, 139.6 gph (528.4 lph) Suction	1	—	0.530	0.240	3.09	0.088
AIV1078-02	1" MNPT PVDF, 92.4 gph (349.7 lph) Suction	1	—	0.526	0.239	3.09	0.088
AIV1583A	1-1/2" MNPT PVDF, 227.4 gph (860.7 lph) Suction	1	—	0.950	0.431	8.48	0.240
AIV1585X	1-1/2" MNPT PVDF, 323.0 gph (1,222.6 lph) Suction	1	—	0.990	0.449	8.48	0.240
AIV1587	1-1/2" MNPT PVDF, 260.5 gph (986.0 lph) Suction	1	—	0.990	0.449	8.48	0.240
AIV2081A	2" MNPT PVDF, 631.0 gph (2,388.3 lph) Suction	1	—	1.340	0.608	9.64	0.273
AIV2083X	2" MNPT PVDF, 1,175.0 gph (4,447.3 lph) Suction	1	—	1.472	0.668	9.64	0.273
AIV3090	3" MNPT PVDF, 1,236.0 gph (4,678.3 lph) Suction	1	—	4.120	1.869	44.11	1.249
AIV4091	4" MNPT PVDF, 2,820.0 gph (10,673.7 lph) Suction	1	—	10.120	4.590	179.31	5.078



## Mazzei Injectors Polypropylene with NPT Thread

AIV283-P	1/2" MNPT Poly, 6.0 gph (22.7 lph) Suction	1	—	0.07	0.031	0.01	0.001
AIV287-P	1/2" MNPT Poly, 8.3 gph (31.4 lph) Suction	1	—	0.07	0.031	0.01	0.001
AIV384-P	1/2" MNPT Poly, 14.1 gph (53.4 lph) Suction	1	—	0.13	0.057	1.69	0.048
AIV384X-P	1/2" MNPT Poly 33.9 gph (128.4 lph) Suction	1	—	0.13	0.061	1.69	0.048
AIV484-P	1/2" MNPT Poly, 17.4 gph (65.9 lph) Suction	1	—	0.13	0.061	1.69	0.048
AIV584C-P	1/2" MNPT Poly, 25.6 gph (96.9 lph) Suction	1	—	0.14	0.062	1.69	0.048
AIV484A-P	3/4" MNPT Poly, 17.4 gph (65.9 lph) Suction	1	—	0.15	0.070	1.69	0.048
AIV584-P	3/4" MNPT Poly, 25.6 gph (96.9 lph) Suction	1	—	0.15	0.070	1.69	0.048
AIV878-P	1" MNPT Poly, 74.8 gph (283.1 lph) Suction	1	—	0.34	0.156	3.09	0.088
AIV885X-P	1" MNPT Poly, 139.6 gph (528.4 lph) Suction	1	—	0.34	0.154	3.09	0.088
AIV1078-P	1" MNPT Poly, 92.4 gph (349.7 lph) Suction	1	—	0.34	0.155	3.09	0.088
AIV1583A-P	1-1/2" MNPT Poly, 227.4 gph (860.7 lph) Suction	1	—	0.65	0.297	8.48	0.240
AIV1585X-P	1-1/2" MNPT Poly, 323.0 gph (1,222.6 lph) Suction	1	—	0.71	0.321	8.48	0.240
AIV1587-P	1-1/2" MNPT Poly, 260.5 gph (986.0 lph) Suction	1	—	0.71	0.321	8.48	0.240
AIV2081A-P	2" MNPT Poly, 631.0 gph (2,388.3 lph) Suction	1	—	0.88	0.397	9.64	0.273
AIV2083X-P	2" MNPT Poly, 1,175.0 gph (4,447.3 lph) Suction	1	—	0.88	0.397	9.64	0.273

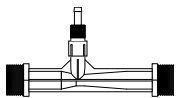
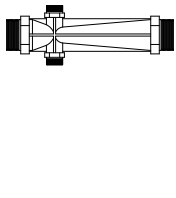


## Mazzei® Injectors® BSP Thread (Category VIII)

for Fertigation / Chemigation with no Moving Parts

Water Suction Capacity with inlet pressure at 50 psi & outlet pressure at 0 psi

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Box	Carton	Lbs.	Kilos	Ft.	M.
<b>Mazzei Injectors PVDF with BSP Thread</b>							
AIC484A	3/4" MBSP PVDF, 17.4 gph (65.9 lph) Suction	1	—	0.210	0.095	1.69	0.048
AIC484X	3/4" MBSP PVDF, 41.7 gph (157.8 lph) Suction	1	—	0.206	0.093	1.69	0.048
AIC584	3/4" MBSP PVDF, 25.6 gph (96.9 lph) Suction	1	—	0.208	0.094	1.69	0.048
AIC684	3/4" MBSP PVDF, 25.0 gph (94.6 lph) Suction	1	—	0.208	0.094	1.69	0.048
AIC1078	1" MBSP PVDF, 92.4 gph (349.7 lph) Suction	1	—	0.526	0.239	3.09	0.088
AIC1583A	1-1/2" MBSP PVDF, 227.4 gph (860.7 lph) Suction	1	—	0.950	0.431	8.48	0.240
AIC1585X	1-1/2" MBSP PVDF, 323.0 gph (1,222.6 lph) Suction	1	—	0.902	0.409	8.48	0.240
AIC1587	1-1/2" MBSP PVDF, 260.5 gph (986.0 lph) Suction	1	—	0.990	0.449	8.48	0.240
AIC2081A	2" MBSP PVDF, 631.0 gph (2,388.3 lph) Suction	1	—	1.340	0.608	9.64	0.273
AIC2083X	2" MBSP PVDF, 1,175.0 gph (4,447.3 lph) Suction	1	—	1.340	0.608	9.64	0.273
AIC3090	3" MBSP PVDF, 1,236.0 gph (4,678.3 lph) Suction	1	—	4.140	1.878	44.11	1.249
AIC4091	4" MBSP PVDF, 2,820.0 gph (10,673.7 lph) Suction	1	—	10.380	4.708	179.31	5.078
<b>Mazzei Injectors Polypropylene with BSP Thread</b>							
AIC885X-PPG	1" MBSP Poly, 139.6 gph (528.4 lph) Suction	1	—	0.34	0.154	3.09	0.088
AIC1078-PPG	1" MBSP Poly, 92.4 gph (349.7 lph) Suction	1	—	0.34	0.155	3.09	0.088
AIC1583A-PPG	1-1/2" MBSP Poly, 227.4 gph (860.7 lph) Suction	1	—	0.65	0.297	8.48	0.240
AIC2081-PPG	2" MBSP Poly, 631.0 gph (2,388.3 lph) Suction	1	—	—	—	9.64	0.273



Note: 1/2" NPT threads are compatible with 1/2" BSP thread

# Chemical Injection Accessories

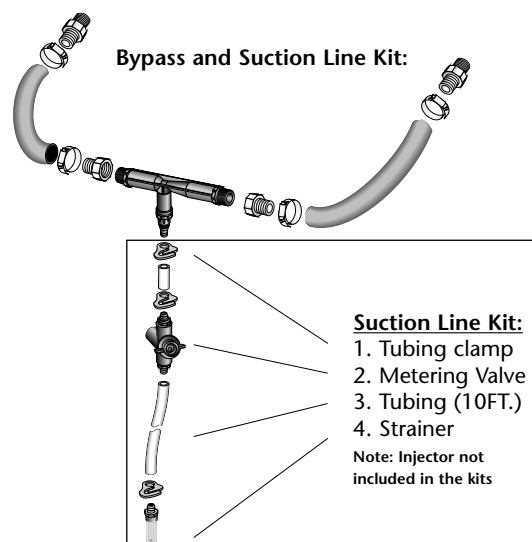
## Mazzei® Injector® Accessories (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Box	Carton	Lbs.	Kilos	Ft.	M.
<b>Suction Line Kits</b>							
AAK184	Suction line kit For 1/2" and 3/4" injectors	1	—	0.48	0.22	0.07	0.002
AAK183	Suction line kit For 1" & 1-1/2" injectors	1	—	1.66	0.75	0.17	0.005
AAK282	Suction line kit For 2" injectors	1	—	5.46	2.48	—	—
AAKFM-30	Economy Suction Line Kit for 0.50" & 0.75" Injectors with F-30 L Liquid Flowmeter	1	—	—	—	—	—
<b>Bypass &amp; Suction Line Kits</b>							
AAK184-A	Bypass and suction line kit For 1/2" injectors	1	—	1.66	0.75	0.17	0.005
AAK184-B	Bypass and suction line kit For 3/4" injectors	1	—	1.96	0.89	0.17	0.005
AAK181-A02	Bypass and suction line kit For 1" injectors	1	—	3.92	1.78	0.28	0.008
AAK183-A	Bypass and suction line kit For 1.5" injectors	1	—	6.02	2.73	0.74	0.021
AAK282-A	Bypass and suction line kit For 2" injectors	1	—	9.82	4.46	1.28	0.036
<b>Caps</b>							
ACAP-PP	Suction port cap for Models 283 & 287	1	—	—	—	—	—
ACAP-PP375	Injector replacement caps for models 384-584	1	—	—	—	—	—
ACAP075	Suction port cap for new-style (-02) 1.0" & 1.5" injectors	1	—	—	—	—	—
ACAP-PVDF025	Suction port cap for PVDF 0.50" & 0.75" injectors (excluding 283 & 287)	1	—	—	—	—	—
<b>Check Valves</b>							
ACP83	1/2" PVDF check valve for old style 1" PVDF injector (not -02* style)	1	—	0.06	0.03	—	—
ACP83-P	1/2" Poly check valve for old style 1" Poly injector (not -02* style)	1	—	0.04	0.02	—	—
ACP86	PVC check valve used with 2" injector	1	—	0.78	0.35	—	—
ACP75-CVA	PVC check valve used with 2" injector with hose barb	1	—	0.48	0.22	—	—
<b>Check valves repair kits</b>							
ACR-1	Check valve repair kit for injectors 283 and 287	1	—	—	—	—	—
ACR-2	Check valve repair kit for injectors 1/2" and 3/4" injectors (excluding 283 and 287)	1	—	—	—	—	—
ACR-3	Check valve repair kit for ACP83, ACP83-P and old style 1" injectors (not -02* style)	1	—	—	—	—	—
ACR-4	Check valve repair kit for new style (-02*) 1" & 1-1/2" injector	1	—	—	—	—	—
<b>Metering valves</b>							
AVHV-5	0.50" Metering valve for 1.0" & 1.5" injectors - Polypropylene	1	—	—	—	—	—
AVHV-5-PVDF	0.50" Metering valve for 1.0" & 1.5" injectors - PVDF	1	—	—	—	—	—
AVHV-25	Metering valves for suction lines for 1/2" and 3/4" injectors	1	—	0.04	0.02	—	—
AFM-30	5.0 - 40.0 GPH Liquid Flowmeter, 0.25" barbed connections	1	—	0.25	0.11	—	—
<b>Strainers</b>							
AS-25HB	1/4" Hose Barb Integral Strainer	1	—	—	—	—	—
AS-50HB	1/2" Hose Barb Integral Strainer	1	—	—	—	—	—
AS-84	Strainer for suction lines, less tubing adapter	1	—	—	—	—	—
AS-84FV	Strainer with foot valve, 3/8" Barb & 1/2" MNPT for suction lines for 1" injectors	1	—	0.06	0.03	—	—
AS-87	PVC strainer for 1" suction lines used on 2" injectors	1	—	0.02	0.01	—	—

Note: Other Injector options and configurations also available. For inquiries, please contact Toro Ag Customer Service.

### Ordering Information:

Shaded area indicates products being discontinued. Limited to available stocks on hand.









# Valves

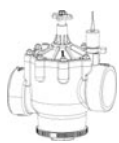
# Valves



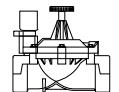
## Butterfly Valves (Category VI)

Part Number	Description	Flow Rate		Connection Type	Connection Size (In.)	Quantity Carton	Carton Weight		Carton Cube	
		(GPM)	Mesh / Inch				Lbs.	Kilos	Ft.	M.
YF-2IN-LEVER-BFV	2" Lever Operated Butterfly Valve	-	-	Wafer/FLG	2	1	8.0	3.6	0.30	0.008
YF-3IN-LEVER-BFV	3" Lever Operated Butterfly Valve	-	-	Wafer/FLG	3	1	9.0	4.1	0.40	0.011
YF-4IN-LEVER-BFV	4" Lever Operated Butterfly Valve	-	-	Wafer/FLG	4	1	12.0	5.4	0.50	0.014
YF-5IN-LEVER-BFV	5" Lever Operated Butterfly Valve	-	-	Wafer/FLG	5	1	15.0	6.8	0.50	0.014
YF-6IN-LEVER-BFV	6" Lever Operated Butterfly Valve	-	-	Wafer/FLG	6	1	18.0	8.2	1.00	0.028
YF-8IN-LEVER-BFV	8" Lever Operated Butterfly Valve	-	-	Wafer/FLG	8	1	28.0	12.7	1.30	0.037
YF-2IN-GEAR-BFV	2" Gear Operated Butterfly Valve	-	-	Wafer/FLG	2	1	12.2	5.5	0.20	0.006
YF-3IN-GEAR-BFV	3" Gear Operated Butterfly Valve	-	-	Wafer/FLG	3	1	14.4	6.5	0.20	0.006
YF-4IN-GEAR-BFV	4" Gear Operated Butterfly Valve	-	-	Wafer/FLG	4	1	16.6	7.5	0.30	0.008
YF-5IN-GEAR-BFV	5" Gear Operated Butterfly Valve	-	-	Wafer/FLG	5	1	21.2	9.6	0.50	0.014
YF-6IN-GEAR-BFV	6" Gear Operated Butterfly Valve	-	-	Wafer/FLG	6	1	22.7	10.3	0.50	0.014
YF-8IN-GEAR-BFV	8" Gear Operated Butterfly Valve	-	-	Wafer/FLG	8	1	41.0	18.6	0.90	0.025
YF-10IN-GEAR-BFV	10" Gear Operated Butterfly Valve	-	-	Wafer/FLG	10	1	57.0	25.9	1.30	0.037
YF-12IN-GEAR-BFV	12" Gear Operated Butterfly Valve	-	-	Wafer/FLG	12	1	81.0	36.7	1.60	0.045
YF-14IN-GEAR-BFV	14" Gear Operated Butterfly Valve	-	-	Wafer/FLG	14	1	93.0	42.2	3.70	0.105
YF-16IN-GEAR-BFV	16" Gear Operated Butterfly Valve	-	-	Wafer/FLG	16	1	187.0	84.8	5.30	0.150
YF-18IN-GEAR-BFV	18" Gear Operated Butterfly Valve	-	-	Wafer/FLG	18	1	255.0	115.7	7.20	0.204
YF-20IN-GEAR-BFV	20" Gear Operated Butterfly Valve	-	-	Wafer/FLG	20	1	287.0	130.2	7.40	0.209
YF-24IN-GEAR-BFV	24" Gear Operated Butterfly Valve	-	-	Wafer/FLG	24	1	481.0	218.2	10.20	0.289

## Standard Electric Valves (Category VI)



Part Number	Description	Solenoid			Flow Rate (GPM)	Pressure (PSI)	Quantity Carton	Carton Weight		Carton Cube	
		Size	Fitting					Lbs.	Kilos	Ft.	M.
<b>PVC Valves</b>											
A-2400TF	1" Globe valve, threaded bonnet, 24VAC	24VAC	1"	FPT	0.25 - 30	10 - 150	15	17.00	7.7	1.2	0.034
A-2400S	1" Globe valve, threaded bonnet, 24VAC	24VAC	1"	SLIP	0.25 - 30	10 - 150	15	17.00	7.7	1.2	0.034
A-2500TF	1" Globe valve, flow control, internal bleed, 24VAC	24VAC	1"	FPT	0.25 - 30	10 - 150	20	19.00	8.6	1.2	0.034
A-20ST	1" Globe valve, 24VAC	24VAC	1"	FPT	0.25 - 30	10 - 150	20	18.00	8.1	1.2	0.034
A-20STF	1" Globe Valve, Flow Control, 24VAC	24VAC	1"	FPT	0.25 - 30	10 - 150	20	19.00	8.6	1.2	0.034
A-216B	1 1/2" Globe / angle valve, flow control, 24VAC	24VAC	1 1/2"	FPT	20 - 80	20-150	10	19.00	8.6	1.2	0.034
A-217B	2" Globe / angle valve, flow control, 24VAC	24VAC	2"	FPT	20 - 180	20-150	10	26.98	12.2	2.9	0.082
A-EZF-20-94	1" Globe valve, threaded bonnet, 12vDCL	12VDCL	1"	SLIP	0.25 - 30	10 - 150	20	19.00	8.6	1.2	0.035
A-EZF-26-94	1" Globe valve, threaded bonnet, 12vDCL	12VDCL	1"	FPT	0.25 - 30	10 - 150	10	9.50	4.3	0.6	0.018
A-TPVF100DC	1" Globe valve, flow control, 12v DC	12VDCL	1"	FPT	0.10 - 40	10 - 150	20	19.16	8.7	24.4	0.692
<b>100 Series</b>											
A-100P1	Globe/angle electric 24VAC internally ported, normally closed valves with manual bleed assembly and adjustable flow control. (*)	24VAC	1"	FPT	5 - 50	20 - 220	24	23	10	2.3	0.065
A-100P1.5		24VAC	1 1/2"	FPT	30 - 110	20 - 220	12	27	12	1.2	0.034
A-100P2		24VAC	2"	FPT	80 - 175	20 - 220	4	11	5	2.9	0.082
A-100P3		24VAC	3"	FPT	150 - 300	20 - 220	4	21	10	1.6	0.045
A-P220-26-94	Globe/angle electric 12vDCL internally ported, normally closed valves with manual bleed assembly and adjustable flow control.	12VDCL	1"	FPT	5 - 50	20 - 220	24	23	10	2.3	0.065
A-P220-26-96		12VDCL	1 1/2"	FPT	30 - 110	20 - 220	12	27	12	1.2	0.034
A-P220-26-98		12VDCL	2"	FPT	80 - 175	20 - 220	4	11	5	2.9	0.082
A-P220-26-90		12VDCL	3"	FPT	150 - 300	20 - 220	4	21	10	1.6	0.045
<b>100 Series SCRUBBER VALVES</b>											
A-P220S-26-04	Dirty Water Valve with Active Cleansing Technology (ACT™) Globe/angle electric 24VAC internally ported, normally closed valves with manual bleed assembly and adjustable flow control.	24VAC	1"	FPT	5 - 40	10 - 220	24	23	10	2.3	0.065
A-P220S-26-06		24VAC	1 1/2"	FPT	30 - 100	10 - 220	12	27	12	1.2	0.034
A-P220S-26-08		24VAC	2"	FPT	80 - 180	20 - 220	4	11	5	2.9	0.082
A-P220S-26-00		24VAC	3"	FPT	150 - 300	20 - 220	4	21	10	1.6	0.045
A-P220S-26-94	Dirty Water Valve with Active Cleansing Technology (ACT™) Globe/angle electric 12vDC internally ported, normally closed valves with manual bleed assembly and adjustable flow control.	12VDCL	1"	FPT	5 - 40	10 - 220	24	23	10	2.3	0.065
A-P220S-26-96		12VDCL	1 1/2"	FPT	30 - 100	10 - 220	12	27	12	1.2	0.034
A-P220S-26-98		12VDCL	2"	FPT	80 - 180	20 - 220	4	11	5	2.9	0.082
A-P220S-26-90		12VDCL	3"	FPT	150 - 300	20 - 220	4	21	10	1.6	0.045
A-P220S-KIT-04	Converts a 100 or 220 Series Standard Valve to a Scrubber Valve		1"	-	-	-	1	0.3	0.1	-	-
A-P220S-KIT-06			1 1/2"	-	-	-	1	0.3	0.1	-	-
A-P220S-KIT-08			2"	-	-	-	1	1.1	0.5	0.05	0.001
A-P220S-KIT-00			3"	-	-	-	1	1.1	0.5	0.05	0.001
<b>700 Series</b>											
A-700B-.75	Globe electric 24VAC internally ported, normally closed valves with manual bleed assembly and adjustable flow control. (*)	24VAC	3/4"	FPT	0.1 - 30	10 - 150	24	15	7	1.2	0.034
A-700-1		24VAC	1"	FPT	0.1 - 50	10 - 150	24	20	9	1.2	0.034
A-700-1.5		24VAC	1 1/2"	FPT	15 - 40	10 - 150	12	20	9	1.6	0.045
A-700-2		24VAC	2"	FPT	18 - 30	25 - 150	8	25	11	1.8	0.050



### Ordering Information:

(\*) Available with BSP thread & 50hz solenoid. Please add -BSP to the part number (example: A-100P1.5-BSP)

Shaded area indicates products being discontinued. Limited to available stocks on hand.

# Valves

## Plastic Y Pattern Valves - Electric / Manual, Pressure Reducing and Pressure Sustaining (Category XII)

Part Number	Description	Size	Connection	Operating Range	Flow Rate gpm		Quantity Carton	Carton Weight		Carton Cube	
					From	To		Lbs.	Kilos	Ft.	M.
<b>105 Series - Manual</b>											
B105-Z-02-Y-NP	Manually controlled Y pattern valves, actuated hydraulically, with 3-way on off selector.	2"	Thread	5-145 psi	35	140	5	17.5	8.00	1.3	0.04
B105-Z-03-Y-NP		3"	Thread	5-145 psi	35	300	4	16	7.60	1.8	0.05
B105-Z-03L-Y-NP		3L"	Thread	5-145 psi	75	580	2	15.2	7.00	1.4	0.04
B105-Z-03L-Y-T3		3L"	Glue End	5-145 psi	75	580	2	15.2	7.00	1.4	0.04
B105-Z-03L-Y-VI		3L"	Grooved	5-145 psi	75	580	2	15.2	7.00	1.4	0.04
B105-Z-03L-Y-FF		3L"	Flange	5-145 psi	75	580	2	15.2	7.00	1.4	0.04
B105-Z-04-Y-T4		4"	Glue End	5-145 psi	75	580	1	20	9.00	1.4	0.04
B105-Z-04-Y-VI		4"	Grooved	5-145 psi	75	580	1	20	9.00	1.4	0.04
B105-Z-04-Y-FF		4"	Flange	5-145 psi	75	580	1	20	9.00	1.4	0.04
B105-Z-06-Y-VI		6"	Grooved	5-145 psi	140	1000	1	32	15.50	5.2	0.15
B105-Z-06-Y-FF	6"	Flange	5-145 psi	140	1000	1	32	15.50	5.2	0.15	
<b>110 Series - Electric</b>											
B110-3W-02-Y-NP	Solenoid controlled Y pattern valves, actuated hydraulically, in response to a 24 VAC electric signal or manually operate using override on Solenoid.	2"	Thread	5-145 psi	35	140	5	17.7	8.00	1.3	0.04
B110-3W-03-Y-NP		3"	Thread	5-145 psi	35	300	4	16	7.60	1.8	0.05
B110-3W-03L-Y-NP		3L"	Thread	5-145 psi	75	580	2	15.2	7.00	1.4	0.04
B110-3W-03L-Y-T3		3L"	Glue End	5-145 psi	75	580	2	15.2	7.00	1.4	0.04
B110-3W-03L-Y-VI		3L"	Grooved	5-145 psi	75	580	2	15.2	7.00	1.4	0.04
B110-3W-03L-Y-FF		3L"	Flange	5-145 psi	75	580	2	15.2	7.00	1.4	0.04
B110-3W-04-Y-T4		4"	Glue End	5-145 psi	75	580	1	20	9.00	1.4	0.04
B110-3W-04-Y-VI		4"	Grooved	5-145 psi	75	580	1	20	9.00	1.4	0.04
B110-3W-04-Y-FF		4"	Flange	5-145 psi	75	580	1	20	9.00	1.4	0.04
B110-3W-06-Y-VI		6"	Grooved	5-145 psi	140	1000	1	32	15.50	5.2	0.15
B110-3W-06-Y-FF	6"	Flange	5-145 psi	140	1000	1	32	15.50	5.2	0.15	
<b>120 Series - Pressure Reducing, Manual</b>											
B120-XZ-02-Y-NP-K	Pressure Regulating Manually controlled Y pattern valves. Reduces high upstream pressure to lower constant down stream pressure. Manual on off with 3 way selector. (*)	2"	Thread	5-145 psi	35	140	5	17.5	8.00	1.3	0.04
B120-XZ-03-Y-NP-K		3"	Thread	5-145 psi	35	300	4	16	7.60	1.8	0.05
B120-XZ-03L-Y-T3-K		3L"	Glue End	5-145 psi	75	480	2	15.2	7.00	1.4	0.04
B120-XZ-03L-Y-VI-K		3L"	Grooved	5-145 psi	75	480	2	15.2	7.00	1.4	0.04
B120-XZ-03L-Y-FF-K		3L"	Flange	5-145 psi	75	480	2	15.2	7.00	1.4	0.04
B120-XZ-04-Y-T4-K		4"	Glue End	5-145 psi	75	500	1	20	9.00	1.4	0.04
B120-XZ-04-Y-VI-K		4"	Grooved	5-145 psi	75	500	1	20	9.00	1.4	0.04
B120-XZ-04-Y-FF-K		4"	Flange	5-145 psi	75	500	1	20	9.00	1.4	0.04
B120-XZ-06-Y-VI-K		6"	Grooved	5-145 psi	140	1000	1	32	15.50	5.2	0.15
B120-XZ-06-Y-FF-K		6"	Flange	5-145 psi	140	1000	1	32	15.50	5.2	0.15
<b>12055 Series - Pressure Reducing, Electric</b>											
B12055-X-02-Y-NP-K	Pressure Regulating, Electrically controlled Y pattern valves. Reduces high upstream pressure to lower constant down stream pressure. Opens and closes in response to 24 VAC electric or manually operated using override on solenoid. (*)	2"	Thread	5-145 psi	35	140	5	17.5	8.00	1.3	0.04
B12055-X-03-Y-NP-K		3"	Thread	5-145 psi	35	300	4	16	7.60	1.8	0.05
B12055-X-03L-Y-NP-K		3L"	Thread	5-145 psi	75	500	2	15.2	7.00	1.4	0.04
B12055-X-03L-Y-T3-K		3L"	Glue End	5-145 psi	75	480	2	15.2	7.00	1.4	0.04
B12055-X-03L-Y-VI-K		3L"	Grooved	5-145 psi	75	480	2	15.2	7.00	1.4	0.04
B12055-X-03L-Y-FF-K		3L"	Flange	5-145 psi	75	480	2	15.2	7.00	1.4	0.04
B12055-X-04-Y-T4-K		4"	Glue End	5-145 psi	75	500	1	20	9.00	1.4	0.04
B12055-X-04-Y-VI-K		4"	Grooved	5-145 psi	75	500	1	20	9.00	1.4	0.04
B12055-X-04-Y-FF-K		4"	Flange	5-145 psi	75	500	1	20	9.00	1.4	0.04
B12055-X-06-Y-VI-K		6"	Grooved	5-145 psi	140	1000	1	32	15.50	5.2	0.15
B12055-X-06-Y-FF-K	6"	Flange	5-145 psi	140	1000	1	32	15.50	5.2	0.15	
<b>130 Series - Pressure Sustaining, Manual</b>											
B130-XZ-02-Y-NP	Pressure Sustaining, Manually controlled globe valve. Maintains preset minimum upstream pressure in fluctuating flows or varying downstream pressure conditions.	2"	Thread	5-145 psi	35	140	5	17.5	8.00	1.3	0.04
B130-XZ-03-Y-NP		3"	Thread	5-145 psi	35	300	4	16	7.60	1.8	0.05
B130-XZ-03L-Y-NP		3L"	Thread	5-145 psi	75	500	2	15.2	7.00	1.4	0.04
B130-XZ-04-Y-FF		4"	Flange	5-145 psi	75	500	1	20	9.00	1.4	0.04
B130-XZ-06-Y-FF		6"	Flange	5-145 psi	140	1000	1	32	15.50	5.2	0.15



# Valves

## Plastic Angle Pattern Valves - Electric / Manual, Pressure Regulating (Category XII)

Part Number	Description	Size	Connection	Operating Range	Flow Rate gpm		Quantity Carton	Carton Weight		Carton Cube		
					From	To		Lbs.	Kilos	Ft.	M.	
<b>105 Series - Manual</b>												
B105-Z-03-A-NP	Manually controlled angle valves, actuated hydraulically, with 3-way on off selector.	3"	Thread	5-145 psi	35	300	4	16.00	7.6	1.8	0.05	
B105-Z-03L-A-T3		3L"	Glue End	5-145 psi	75	580	2	15.20	7	1.4	0.04	
B105-Z-03L-A-VI		3L"	Grooved	5-145 psi	75	580	2	15.20	7	1.4	0.04	
B105-Z-03L-A-FF		3L"	Flange	5-145 psi	75	580	2	15.20	7	1.4	0.04	
B105-Z-04-A-T4		4"	Glue End	5-145 psi	75	580	1	20.00	9	1.4	0.04	
B105-Z-04-A-VI		4"	Grooved	5-145 psi	75	580	1	20.00	9	1.4	0.04	
B105-Z-04-A-FF	4"	Flange	5-145 psi	75	580	1	20.00	9	1.4	0.04		
<b>110 Series - Electric</b>												
B110-3W-03-A-NP	Solenoid controlled angle valves, actuated hydraulically, in response to a 24 VAC electric signal or manually operate using override on Solenoid.	3"	Thread	5-145 psi	35	300	4	16.00	7.6	1.8	0.05	
B110-3W-03L-A-T3		3L"	Glue End	5-145 psi	75	580	2	15.20	7	1.4	0.04	
B110-3W-03L-A-VI		3L"	Grooved	5-145 psi	75	580	2	15.20	7	1.4	0.04	
B110-3W-03L-A-FF		3L"	Flange	5-145 psi	75	580	2	15.20	7	1.4	0.04	
B110-3W-04-A-T4		4"	Glue End	5-145 psi	75	580	1	20.00	9	1.4	0.04	
B110-3W-04-A-VI		4"	Grooved	5-145 psi	75	580	1	20.00	9	1.4	0.04	
B110-3W-04-A-FF	4"	Flange	5-145 psi	75	580	1	20.00	9	1.4	0.04		
<b>120 Series - Pressure Regulating, Manual</b>												
B120-XZ-03-A-NP-K	Pressure Regulating Manually controlled angle valves. Reduces high upstream pressure to lower constant down stream pressure. Manual on off with 3 way selector. (*)	3"	Thread	5-145 psi	35	300	4	16.00	7.6	1.8	0.05	
B120-XZ-03L-A-T3-K		3L"	Glue End	5-145 psi	75	480	2	15.20	7	1.4	0.04	
B120-XZ-03L-A-VI-K		3L"	Grooved	5-145 psi	75	480	2	15.20	7	1.4	0.04	
B120-XZ-03L-A-FF-K		3L"	Flange	5-145 psi	75	480	2	15.20	7	1.4	0.04	
B120-XZ-04-A-T4-K		4"	Glue End	5-145 psi	75	500	1	20.00	9	1.4	0.04	
B120-XZ-04-A-VI-K		4"	Grooved	5-145 psi	75	500	1	20.00	9	1.4	0.04	
B120-XZ-04-A-FF-K	4"	Flange	5-145 psi	75	500	1	20.00	9	1.4	0.04		
<b>12055 Series - Pressure Regulating, Electric</b>												
B12055-X-03-A-NP-K	Pressure Regulating, Electrically controlled angle valve. Reduces high upstream pressure to lower constant down stream pressure. Opens and closes in response to 24 VAC electric or manually operated using override on solenoid. (*)	3"	Thread	5-145 psi	35	300	4	16.00	7.6	1.8	0.05	
B12055-X-03L-A-T3-K		3L"	Glue End	5-145 psi	75	480	2	15.20	7	1.4	0.04	
B12055-X-03L-A-VI-K		3L"	Grooved	5-145 psi	75	480	2	15.20	7	1.4	0.04	
B12055-X-03L-A-FF-K		3L"	Flange	5-145 psi	75	480	2	15.20	7	1.4	0.04	
B12055-X-04-A-T4-K		4"	Glue End	5-145 psi	75	500	1	20.00	9	1.4	0.04	
B12055-X-04-A-VI-K		4"	Grooved	5-145 psi	75	500	1	20.00	9	1.4	0.04	
B12055-X-04-A-FF-K	4"	Flange	5-145 psi	75	500	1	20.00	9	1.4	0.04		

## Upgrade Options for Plastic Valves (Category XII)

TO UPGRADE A PLASTIC VALVE, PLEASE CONTACT OUR CUSTOMER SERVICE FOR THE CORRECT PART NUMBER

Option Code	Description	Quantity
-CB	Brass fittings and copper tubing upgrade	1
-R	Brass pilot upgrade for 1 1/2"-4" Valves	1
-SP	Steel Shielded Plastic Tubing & Plastic Fittings	1
-PB	Push-Connect Fittings and Nylon Tubing	1

### Standard Configuration:

- Main Valve, Pilot Valve & Fittings: Plastic
- Pressure rating: 145 psi
- Plastic Flange = ANSI  
Thread end = NPT
- Remote control electric and hydraulic valves are normally closed
- 2" and 3" with flow control stem

**Pilot Spring Options:** Optional Pilot springs may be required for peak valve performance. Optional springs are chosen when valves must operate outside the **standard pressure reducing range**.

(\*) **For valves with model PC-X-P plastic mini pilots**

Optional pilot springs are available for 2", 3", 3"L, 4" and 6", 120 and 12055 Series plastic valves. Contact Customer Service to obtain the correct part number for a non-standard spring..

Spring Code	Mini Pilot Operating Range
<b>K</b>	<b>7-40 psi Standard</b>
<b>N</b>	<b>11-95 psi</b>
<b>V</b>	<b>15-145 psi</b>

Other valve options and configurations are available. For inquires, please consult Toro Ag Customer Service.

## Valve Patterns and End Connection Options

Valve Size	Y - Y Pattern	A - Angle Pattern	NP - Thread	FF - Flanged	VI - Grooved	T3 - 3" Glued End	T4 - 4" Glued End
2"	Y		NP		VI		
2"L	Y		NP		VI		
3"	Y	A	NP				
3"L	Y	A	NP	FF	VI	T3	
4"	Y	A		FF	VI		T4
6"	Y			FF	VI		

\* Not all available valve configuration and functions can be shown.  
\* For other valve configurations and application information please call.

**When making specification inquiries, please have the following valve information on hand:**

- What function do you want the valve to perform?  
- Pressure Reducing or Sustaining, Solenoid Control
- What end fittings do you want on the valve?  
- Threaded, Flanged, or Grooved
- What flow pattern do you want?  
- Globe or Angle
- What flow ranges will the valve operate in?
- What is the inlet pressure range the valve will operate in?
- What is the desired outlet pressure?
- What other options or configurations are required for the valve?  
- Upgrade to Copper Tube and Brass Fittings -CB

# Valves

## Metal Valves - Electric / Manual, Pressure Reducing and Pressure Relief (Category XII)

Part Number	Description	Size	Connection	Operating Range	Flow Rate gpm		Quantity Carton	Carton Weight		Carton Cube	
					From	To		Lbs.	Kilos	Ft.	M.
<b>405 Series - Manual</b>											
B405-Z-03-G-NP	Manually controlled globe valves, actuated hydraulically, with 3-way on off selector.	3"	Thread	7-232 psi	60	400	1	16	7.30	0.69	0.16
B405-Z-04-G-A1		4"	Flange	7-232 psi	90	700	1	71	33.00	1.23	0.04
B405-Z-06-G-A1		6"	Flange	7-232 psi	180	1400	1	175	80.00	-	-
B405-Z-08-G-A1		8"	Flange	7-232 psi	310	2200	1	320	146.00	-	-
B405-Z-10-G-A1		10"	Flange	7-232 psi	340	2400	1	355	162.00	-	-
<b>410 Series - Electric</b>											
B410-X-03-G-NP	Solenoid controlled globe valves, actuated hydraulically, in response to a 24 VAC electric signal or manually operate using override on solenoid.	3"	Thread	7-232 psi	60	400	1	16	7.30	0.7	0.16
B410-X-04-G-A1		4"	Flange	7-232 psi	90	700	1	71	33.00	1.3	0.04
B410-X-06-G-A1		6"	Flange	7-232 psi	180	1400	1	175	80.00	-	-
B410-X-08-G-A1		8"	Flange	7-232 psi	310	2200	1	320	146.00	-	-
B410-X-10-G-A1		10"	Flange	7-232 psi	340	2400	1	355	162.00	-	-
<b>420 Series - Pressure Reducing, Manual</b>											
B420-XZ-03-G-NP	Pressure Reducing Manually controlled globe valves. Reduces high upstream pressure to lower constant down stream pressure. Manual on off with 3 way selector. (*,#)	3"	Thread	15-100 psi	60	400	1	16	7.30	0.7	0.16
B420-XZ-04-G-A1		4"	Flange	15-100 psi	90	700	1	71	33.00	1.3	0.04
B420-XZ-06-G-A1		6"	Flange	15-230 psi	180	1400	1	175	80.00	-	-
B420-XZ-08-G-A1		8"	Flange	15-230 psi	310	2200	1	320	146.00	-	-
B420-XZ-10-G-A1		10"	Flange	15-230 psi	340	2400	1	355	162.00	-	-
<b>42055 Series - Pressure Reducing, Electric</b>											
B42055-X-03-G-NP	Pressure Reducing, Electrically controlled globe valve. Reduces high upstream pressure to lower constant down stream pressure in response to 24 VAC electric or manually operated using override on solenoid. (*,#)	3"	Thread	15-100 psi	60	400	1	16	7.30	0.7	0.16
B42055-X-04-G-A1		4"	Flange	15-100 psi	90	700	1	71	33.00	1.3	0.04
B42055-X-06-G-A1		6"	Flange	15-230 psi	180	1400	1	175	80.00	-	-
B42055-X-08-G-A1		8"	Flange	15-230 psi	310	2200	1	320	146.00	-	-
B42055-X-10-G-A1		10"	Flange	15-230 psi	340	2400	1	355	162.00	-	-

## Pressure Relief Valves (Category XII)

Part Number	Description	Size	Connection	Operating Range	Flow Rate gpm		Quantity Carton	Carton Weight		Carton Cube	
					From	To		Lbs.	Kilos	Ft.	M.
<b>430 Series - Pressure Sustaining and Pressure Relief Valves</b>											
B430-KXZ-02-G-NP	Manually controlled 430 Series Valves maintain a preset minimum upstream pressure in fluctuating flow and pressure conditions. 430 Series valves will relieve excessive line pressure when a maximum set point is reached. Angle valves are available in 2", 3" and 4" models.	2"	Thread	7-232 psi	25	180	1	10	4.5	1.3	0.16
B430-KXZ-03-G-NP		3"	Thread	7-232 psi	60	400	1	33	15	0.7	0.16
B430-KXZ-04-G-A1		4"	Flange	7-232 psi	90	700	1	71	33	1.3	0.04
B430-KXZ-06-G-A1		6"	Flange	7-232 psi	180	1400	1	175	80	-	-
B430-KXZ-08-G-A1		8"	Flange	7-232 psi	310	2200	1	320	146	-	-
B430-KXZ-10-G-A1	10"	Flange	7-232 psi	340	2400	1	355	162	-	-	

## Bermad Valve Solenoids (Category XII)

Part Number	Description	Quantity
B-S402-3W	DC LATCH SOL 9-24V DCL 3 WAY	1
B-S982-3W	DC LATCH SOL 12-24V DCL 3 WAY	1
B-S390-3WNO24VAC-R	SOL S-390 3WAY NO 24VAC R	Call Toro Ag Customer Service

## Upgrade Options for Metal Valves (Category XII)

TO UPGRADE A PLASTIC VALVE, PLEASE CONTACT OUR CUSTOMER SERVICE FOR THE CORRECT PART NUMBER

Option Code	Description	Quantity
-CB	Brass fittings and copper tubing upgrade	1
-R	Brass pilot upgrade for 1 1/2"-4" Valves	1
-SP	Steel Shielded Plastic Tubing & Plastic Fittings	1
-PB	Push-Connect Fittings and Nylon Tubing	1

### Standard Configuration:

- Main Valve: Cast iron
- Standard Rating: max inlet 230 psi
- Valves 1" - 4": Plastic pilots, tubing and fittings  
Valves 6" and larger: Nylon tubing, push lock brass fittings and brass pilots
- Schrader gauge fittings and outlet isolation ball valves are furnished standard on all sizes of pressure reducing valves
- Remote control electric and hydraulic valves are normally closed

To ensure correct valve assembly, specify all valve options

**Pilot Spring Options:** Optional Pilot springs may be required for peak valve performance. Specify the desired spring code for all pilot configurations.

### (\* ) For valves with model PC-X-P plastic mini pilots

Optional pilot springs are available for 2", 3", 3"L, 4" and 6", 120 and 12055 Series plastic valves. Contact Customer Service to obtain the correct part number for a non-standard spring..

Spring Code	Mini Pilot Operating Range
<b>K</b>	<b>7-40 psi Standard</b>
<b>N</b>	<b>11-95 psi</b>
<b>V</b>	<b>15-145 psi</b>

### (#) For metal valves with model X metal pilots

Optional pilot springs are available for 6", 8" and 10", 420 and 42055 Series metal valves with metal pilots. Contact Customer Service to obtain the correct part number for a non-standard spring.

Spring Code	X Pilot Operating Range
<b>10</b>	<b>7-150 psi Standard</b>
16	15-230 psi

Other valve options and configurations are available. For inquires, please consult Toro Ag Customer Service.



## Valves Accessories

### Valve Accessories (Category VIII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Box	Carton	Lbs.	Kilos	Ft.	M.



#### Accessories

A-R811-24VACG	Solenoid 24 VAC 60 HZ, .4 amp inrush, 0.2 amp holding	—	120	30.00	13.60	0.71	0.020
A-DCL	Solenoid 12v DCL						
LWS	Low Wattage Solenoid 24 VAC; Inrush 0.2A; Holding 0.1A						
A-SGS-12	Spike Guard Solenoid 24 VAC; Inrush 0.2A; Holding 0.1A; 20kV lightning rating						



#### OmniReg® Modular Pressure Regulators

A-OMR-30	OmniReg® Modular Pressure Regulators maintain downstream pressure regardless of fluctuating upstream pressures. Two models are available: the A-OMR-30 that operates from 5 to 30 PSI and the A-OMR-100 that operates from 5 to 100 PSI. OmniReg® Modular Pressure Regulators are used with 100 Series, 700 Series, 216B and 217B Valves.	1	6	0.227	0.103	1.32	0.037
A-OMR-100		1	6	0.227	0.103	1.32	0.037

## Air Release and Vacuum Release Valves

### Plastic Air and Vacuum Release Valves (Category VI)

Part Number	Description	Size	Quantity		Carton Weight		Carton Cube	
			Bag	Carton	Lbs.	Kilos	Ft.	M.



#### 1" Air Vent with Colored Cap

ARV-BBK1	1" Air & Vacuum Release Valve with Colored Cap	1"	—	25	5.00	2.30	—	—
ARV-BBK1-S	1" Air & Vacuum Release Valve with Colored Cap & Installed Schrader Valve	1"	—	25	6.00	3.00	0.40	0.012



#### 1" & 2" Air & Vacuum Release Valves

ARV-1-K	Air & Vacuum Release Valve	1"	—	14	12.00	5.40	0.80	0.024
ARV-2-K		2"	—	8	14.00	6.40	0.80	0.024



#### 1" Continuous Air Release

ARV-1-A	Automatic Continuous Acting Air Release Valve	1"	—	20	15.00	6.70	0.80	0.024
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#### 2" Combination Automatic and Kinetic Air & Vacuum Release

ARV-2-KA	Combination Large Volume Air & Vacuum Release and Continuous Acting Air Release	2"	—	8	16.00	7.00	0.80	0.024
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# Controllers

# Controllers

## Evolution® AG Controller (Category VII)



Part Number	Description	Stations	Quantity		Carton Weight		Carton Cube		Pallet Qty.
			Box	Carton	Lbs.	Kilos	Ft.	M.	
EVO-4AG	Evolution® AG - 4 Station Modular Controller Fertilizer Programming; runtime range 1 sec - 24 hours; 3 independent Programs, 12 start times; Weekday, Interval, Looping schedules; English/Spanish quick-toggle	4	1	6	4.28	1.94	0.229	0.006	96
A-EMOD-4	Evolution 4-Station Expansion Module		1	10	1.66	0.75	0.10	0.003	-
A-EMOD-12	Evolution 12-Station Expansion Module		1	4	1.48	0.67	0.09	0.002	-
A-EVO-SC	Smart Connect® Plug-In Radio Module		1	1	0.20	0.09	0.04	0.001	-
A-SMRT-T	Wireless Internet Gateway		1	1	0.60	0.27	0.81	0.024	-
A-PSS-SEN	Wireless Soil Sensor		1	1	0.68	0.31	0.10	0.003	-
A-EVO-WS	Wireless Weather Sensor		1	1	0.69	0.31	0.08	0.002	-
A-EVO-HH	Wireless Handheld Maintenance Remote		1	1	0.45	0.20	0.03	0.001	-
A-EVO-AR	Wireless Auxiliary Relay		1	1	0.29	0.13	0.02	0.001	-
EVO-4AG-TM	Replacement Front Panel		1	1	1.23	0.56	0.23	0.007	-

## Total Control® (Outdoor Mount) Controller (Category VII)



Part Number	Description	Stations	Quantity		Carton Weight		Carton Cube		Pallet Qty.
			Box	Carton	Lbs.	Kilos	Ft.	M.	
A-TC-6EX-R	4 independent programs, 4 start times per program, Remote ready, outdoor mount 120VAC 60/50HZ. (**)	6	6	6	34.00	15.00	2.40	0.068	108
A-TC-9EX-R		9	6	6	34.00	15.00	2.40	0.068	108
A-TC-12EX-R		12	6	6	34.00	15.00	2.40	0.068	108
A-TC-15EX-R		15	6	6	34.00	15.00	2.40	0.068	108
A-TC-18EX-R		18	6	6	34.00	15.00	2.40	0.068	108
A-TC-24EX-R		24	6	6	34.00	15.00	2.40	0.068	108
A-TC-36EXM-R	Note: 36 and 48 Station Controllers are pre-installed in metal cabinets	36	1	1	20	9	1.4	0.040	-
A-TC-48EXM-R		48	1	1	20	9	1.4	0.040	-
A-TC-6EX-R-50H	4 independent programs, 4 start times per program, Remote ready, outdoor mount 220VAC 50HZ	6	6	6	34	15	2.4	0.068	108
A-TC-9EX-R-50H		9	6	6	34	15	2.4	0.068	108
A-TC-12EX-R-50H		12	6	6	34	15	2.4	0.068	108
A-TC-15EX-R-50H		15	6	6	34	15	2.4	0.068	108

## KwikDial® Series Controller (Category VII)

A-KD400-INT	4-Station KD2, Indoor	4	6	6	24	11	-	-	144
A-KD400-EXT	4-Station KD2, Outdoor	4	6	6	24	11	-	-	144
A-KD600-INT	6-Station KD2, Indoor	6	6	6	24	11	-	-	144
A-KD600-EXT	6-Station KD2, Outdoor	6	6	6	24	11	-	-	144
A-KD900-INT	9-Station KD2, Indoor	9	6	6	24	11	-	-	144
A-KD900-EXT	9-Station KD2, Outdoor	9	6	6	24	11	-	-	144

## Rain Dial® Controller (Category VII)



Part Number	Description	Stations	Quantity		Carton Weight		Carton Cube		Pallet Qty.
			Box	Carton	Lbs.	Kilos	Ft.	M.	
A-RD600-EXT-R	3 independent programs, 9 start times, 365-day calendar, non-volatile memory, Rain Sensor ready, outdoor mount 120VAC 60/50HZ. (*)	6	6	6	32.00	15.00	1.60	0.045	144
A-RD900-EXT-R		9	6	6	32.00	15.00	1.60	0.045	144
A-RD1200-EXT-R		12	6	6	32.00	15.00	1.60	0.045	144

### Ordering Information:

- (\*) Also available 220VAC 60/50hz or 240VAC 60/50hz.
  - 240VAC 60/50hz. add "-A" to the part number (example: A-RD1200-EXT-A)
  - 220VAC 60/50hz. Add "-E" to the part number (example: A-RD1200-EXT-E)
- (\*\*) Also available 220VAC 60/50hz or 240VAC 60/50hz.
  - 240VAC 60/50hz. add "-50-A" to the part number (example: A-TC-12EX-B-50-A)
  - 220VAC 60/50hz. Add "-50-E" to the part number (example: A-TC-12EX-B-50-E)



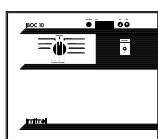
## Controllers

### MC-E® Series Controller (Category VII)



Part Number	Description	Stations	Quantity		Carton Weight		Carton Cube		Pallet Qty.
			Carton		Lbs.	Kilos	Ft.	M.	
A-MC-4E	8 independent programs; looping on all 8 programs; 11 start times per day; advance calendar features; outdoor	4	3		34.00	15.00	1.50	0.042	81
A-MC-6E		6	3		34.00	15.00	1.50	0.042	81
A-MC-8E		8	3		34.00	15.00	1.50	0.042	81
A-MC-12E		12	3		34.00	15.00	1.50	0.042	81
A-MC-18E		18	1		18.00	8.00	0.70	0.020	64
A-MC-24E		24	1		18.00	8.00	0.70	0.020	64
A-MC-30E		30	1		18.00	8.00	0.70	0.020	64
A-MC-36E		36	1		18.00	8.00	0.70	0.020	64
A-MC-42E		42	1		18.00	8.00	0.70	0.020	64
A-MC-48E		48	1		18.00	8.00	0.70	0.020	64

### IBOC® Plus Controllers - Battery or Solar Operated (Category VII)



Part Number	Description	Stations	Quantity		Carton Weight		Carton Cube		Pallet Qty.
			Carton		Lbs.	Kilos	Ft.	M.	
A-IBOC-4Plus	3 independent programs, 24 start times, loop cycling, outdoor mount, powered by one-6Volt alkaline battery or solar panel #SPC-2 (Alkaline battery and/or solar panel Not Included) For use with Latching Solenoid (part number: A-DCL).	4	1		11.00	5.00	0.90	0.025	64
A-IBOC-8Plus		8	1		11.00	5.00	0.90	0.025	64
A-IBOC-12Plus		12	1		11.00	5.00	0.90	0.025	64

### DC Controllers (Category VII)



Part Number	Description	Stations	Quantity		Carton Weight		Carton Cube		Pallet Qty.
			Box	Carton	Lbs.	Kilos	Ft.	M.	
<b>DDCWP® DC - Waterproof Battery Operated Controllers</b>									
A-DDCWP-2-9V	2 - 8 station rugged DC battery operated Controller Fully Waterproof (submersible); Easy to Program 3 Independent programs; each with 3 Start Times Valve Runtimes 1 min - 4 hours 3 Year Warranty	2	1	10	25	11.34	1.67	0.047	-
A-DDCWP-4-9V		4	1	10	25	11.34	1.67	0.047	-
A-DDCWP-6-9V		6	1	10	25	11.34	1.67	0.047	-
A-DDCWP-8-9V		8	1	10	25	11.34	1.67	0.047	-



Part Number	Description	Stations	Quantity		Carton Weight		Carton Cube		Pallet Qty.
			Box	Carton	Lbs.	Kilos	Ft.	M.	
<b>Junior™ DC - Waterproof Battery-Operated Controllers</b>									
A-JRDC-1	1 or 4 Station DC battery operated, 2 Independent programs, 3 Start Times, Water budget 10-200%	1	1	12	16.00	7.30	2.06	0.058	-
A-JRDC-4		4	1	12	32.00	14.60	1.939	0.055	-

Note: Junior DC controllers are used with A-DCL solenoids. See Controller Accessories.



### Low Pressure Battery Operated Tap Timer

A-53453	Low-Pressure Tap Timer		1	12	11	5.0	1.65	0.047	-
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## Controllers Accessories

### Controller Accessories (Category VII)

Part Number	Description	Quantity	Carton Weight		Carton Cube		Pallet Qty.		
			Carton		Lbs.	Kilos		Ft.	M.
A-SR-1	Pump start relay				2.1		0.195		
A-DCL	Solenoid DC Latching (used with IBOC controllers & Junior DC controllers)	12			3.24	1.47	0.80	0.002	-



A black and white photograph of a dense cornfield. The corn plants are tall and leafy, filling most of the frame. The ground in the foreground is covered with dry leaves and stalks. The sky is visible at the top, showing some light clouds. The word "Filtration" is written in a large, bold, white sans-serif font across the middle of the image.

# Filtration

# Filtration



## Manual Screen Filters (Category IX)

Part Number	Description	FlowRate		Connection Type	Connection Size (In.)	Quantity Carton	Carton Weight		Carton Cube	
		GPM*	Mesh				Lbs.	Kilos	Ft.	M.
<b>Angle Manual Screen Filters - Series F100</b>										
YF130VRNU-100	F130V-100 MIC/150 MSH 3" MAN SCR FLT	220	150	Grooved	3	1	61.0	27.7	2.00	0.057
YF130VRNU-120	F130V-120 MIC/120 MSH 3" MAN SCR FLT	220	120	Grooved	3	1	61.0	27.7	2.00	0.057
YF130VRNU-200	F130V-200 MIC/80 MSH 3" MAN SCR FLT	220	80	Grooved	3	1	61.0	27.7	2.00	0.057
YF140VRNU-100	F140V-100 MIC/150 MSH 4" MAN SCR FLT	396	150	Grooved	4	1	84.0	38.1	4.25	0.120
YF140VRNU-120	F140V-120 MIC/120 MSH 4" MAN SCR FLT	396	120	Grooved	4	1	84.0	38.1	4.25	0.120
YF140VRNU-200	F140V-200 MIC/80 MSH 4" MAN SCR FLT	396	80	Grooved	4	1	84.0	38.1	4.25	0.120
YF160FNU-100	F160F-100 MIC/150 MSH 6" MAN SCR FLT	969	150	Flange	6	1	168.0	76.2	5.80	0.164
YF160FNU-120	F160F-120 MIC/120 MSH 6" MAN SCR FLT	969	120	Flange	6	1	168.0	76.2	5.80	0.164
YF160FNU-200	F160F-200 MIC/80 MSH 6" MAN SCR FLT	969	80	Flange	6	1	168.0	76.2	5.80	0.164
YF160VNU-100	F160V-100 MIC/150 MSH 6" MAN SCR FLT	969	150	Grooved	6	1	168.0	76.2	5.80	0.164
YF160VNU-120	F160V-120 MIC/120 MSH 6" MAN SCR FLT	969	120	Grooved	6	1	168.0	76.2	5.80	0.164
YF160VNU-200	F160V-200 MIC/80 MSH 6" MAN SCR FLT	969	80	Grooved	6	1	168.0	76.2	5.80	0.164
YF180VNU-100	F180V-100 MIC/150 MSH 8" MAN SCR FLT	1,585	150	Grooved	8	1	218.0	98.9	7.50	0.212
YF180VNU-120	F180V-120 MIC/120 MSH 8" MAN SCR FLT	1,585	120	Grooved	8	1	218.0	98.9	7.50	0.212
YF180VNU-200	F180V-200 MIC/80 MSH 8" MAN SCR FLT	1,585	80	Grooved	8	1	218.0	98.9	7.50	0.212
YF180FNU-100	F180F-100 MIC/150 MSH 8" MAN SCR FLT	1,585	150	Flange	8	1	218.0	98.9	7.50	0.212
YF180FNU-120	F180F-120 MIC/120 MSH 8" MAN SCR FLT	1,585	120	Flange	8	1	218.0	98.9	7.50	0.212
YF180FNU-200	F180F-200 MIC/80 MSH 8" MAN SCR FLT	1,585	80	Flange	8	1	218.0	98.9	7.50	0.212
YF110FNU-100	F110F-100 MIC/150 MSH 10" MAN SCR FLT	2,200	150	Flange	10	1	254.0	115.2	7.50	0.212
YF110FNU-120	F110F-120 MIC/120 MSH 10" MAN SCR FLT	2,200	120	Flange	10	1	254.0	115.2	7.50	0.212
YF110FNU-200	F110F-200 MIC/80 MSH 10" MAN SCR FLT	2,200	80	Flange	10	1	254.0	115.2	7.50	0.212
<b>In-line Manual Screen Filters - Series F200</b>										
YF230VRYU-100	F230VR-100 MIC/150MSH 3" IN-LINESCRFLT	176	150	Grooved	3	1	70.0	31.8	3.70	0.105
YF230VRYU-120	F230VR-120 MIC/120MSH 3" IN-LINESCRFLT	176	120	Grooved	3	1	70.0	31.8	3.70	0.105
YF230VRYU-200	F230VR-200 MIC/80MSH 3" IN-LINE SCRFLT	176	80	Grooved	3	1	70.0	31.8	3.70	0.105
YF240VRYU-100	F240VR-100 MIC/150MSH 4" IN-LINESCRFLT	352	150	Grooved	4	1	97.0	44.0	6.10	0.173
YF240VRYU-120	F240VR-120 MIC/120MSH 4" IN-LINESCRFLT	352	120	Grooved	4	1	97.0	44.0	6.10	0.173
YF240VRYU-200	F240VR-200 MIC/80MSH 4" IN-LINE SCRFLT	352	80	Grooved	4	1	97.0	44.0	6.10	0.173
YF260FYU-100	F260F-100 MIC/150MSH 6" IN-LINE SCRFLT	793	150	Flange	6	1	175.0	79.4	13.10	0.371
YF260FYU-120	F260F-120 MIC/120MSH 6" IN-LINE SCR FLT	793	120	Flange	6	1	175.0	79.4	13.10	0.371
YF260FYU-200	F260F-200 MIC/80MSH 6" IN-LINE SCR FLT	793	80	Flange	6	1	175.0	79.4	13.10	0.371
YF260VYU-100	F260V-100 MIC/150MSH 6" IN-LINE SCRFLT	793	150	Grooved	6	1	175.0	79.4	13.10	0.371
YF260VYU-120	F260V-120 MIC/120MSH 6" IN-LINE SCRFLT	793	120	Grooved	6	1	175.0	79.4	13.10	0.371
YF260VYU-200	F260V-200 MIC/80MSH 6" IN-LINE SCR FLT	793	80	Grooved	6	1	175.0	79.4	13.10	0.371
YF280FYU-100	F280F-100 MIC/150MSH 8" IN-LINE SCRFLT	1,321	150	Flange	8	1	240.0	108.9	10.90	0.308
YF280FYU-120	F280F-120 MIC/120MSH 8" IN-LINE SCRFLT	1,321	120	Flange	8	1	240.0	108.9	10.90	0.308
YF280FYU-200	F280F-200 MIC/80MSH 8" IN-LINE SCR FLT	1,321	80	Flange	8	1	240.0	108.9	10.90	0.308
YF280VYU-100	F280V-100 MIC/150MSH 8" IN-LINE SCRFLT	1,321	150	Grooved	8	1	240.0	108.9	10.90	0.308
YF280VYU-120	F280V-120 MIC/120MSH 8" IN-LINE SCRFLT	1,321	120	Grooved	8	1	240.0	108.9	10.90	0.308
YF280VYU-200	F280V-200 MIC/80MSH 8" IN-LINE SCR FLT	1,321	80	Grooved	8	1	240.0	108.9	10.90	0.308
YF210FYU-100	F210F-100 MIC/150MSH 10" IN-LINESCRFLT	2,200	150	Flange	10	1	298.0	135.2	51.70	1.463
YF210FYU-120	F210F-120 MIC/120MSH 10" IN-LINESCRFLT	2,200	120	Flange	10	1	298.0	135.2	51.70	1.463
YF210FYU-200	F210F-200 MIC/80MSH 10" IN-LINE SCRFLT	2,200	80	Flange	10	1	298.0	135.2	51.70	1.463

\* Flow rates are based on good water quality and 120 mesh screens



# Filtration



## Manual Screen Filters (Category IX)

Part Number	Description	FlowRate		Connection Type	Connection Size (In.)	Quantity Carton	Carton Weight		Carton Cube	
		GPM*	Mesh				Lbs.	Kilos	Ft.	M.
<b>Circulating Manual Screen Filters - Series F400</b>										
YF420VNU-100	F420V-100 MIC/150 MSH 2" CIRC SCR FLT	48-123	150	Grooved	2	1	34.0	15.4	2.70	0.076
YF420VNU-120	F420V-120 MIC/120 MSH 2" CIRC SCR FLT	48-123	120	Grooved	2	1	34.0	15.4	2.70	0.076
YF420VNU-200	F420V-200 MIC/80 MSH 2" CIRC SCR FLT	48-123	80	Grooved	2	1	34.0	15.4	2.70	0.076
YF430FNU-100	F430F-100 MIC/150 MSH 3" CIRC SCR FLT	53-172	150	Flange	3	1	66.0	29.9	3.60	0.102
YF430FNU-100-01	F430F-100 MIC/150 MSH 3"Q FLG CIRC FLT	53-172	150	Quick Flange	3	1	66.0	29.9	3.60	0.102
YF430FNU-120	F430F-120 MIC/120 MSH 3" CIRC SCR FLT	53-172	120	Flange	3	1	66.0	29.9	3.60	0.102
YF430FNU-120-01	F430F-120 MIC/120 MSH 3"Q FLG CIRC FLT	53-172	120	Quick Flange	3	1	66.0	29.9	3.60	0.102
YF430FNU-200	F430F-200 MIC/80 MSH 3" CIRC SCR FLT	53-172	80	Flange	3	1	66.0	29.9	3.60	0.102
YF430FNU-200-01	F430F-200 MIC/80 MSH 3"Q FLG CIRC FLT	53-172	80	Quick Flange	3	1	66.0	29.9	3.60	0.102
YF430VNU-100	F430V-100 MIC/150 MSH 3" CIRC SCR FLT	53-172	150	Grooved	3	1	66.0	29.9	3.60	0.102
YF430VNU-120	F430V-120 MIC/120 MSH 3" CIRC SCR FLT	53-172	120	Grooved	3	1	66.0	29.9	3.60	0.102
YF430VNU-200	F430V-200 MIC/80 MSH 3" CIRC SCR FLT	53-172	80	Grooved	3	1	66.0	29.9	3.60	0.102
YF440FNU-100	F440F-100 MIC/150 MSH 4" CIRC SCR FLT	80-308	150	Flange	4	1	96.0	43.5	6.50	0.184
YF440FNU-100-01	F440F-100 MIC/150 MSH 4"Q FLG CIRC FLT	80-308	150	Quick Flange	4	1	96.0	43.5	6.50	0.184
YF440FNU-120	F440F-120 MIC/120 MSH 4" CIRC SCR FLT	80-308	120	Flange	4	1	96.0	43.5	6.50	0.184
YF440FNU-120-01	F440F-120 MIC/120 MSH 4"Q FLG CIRC FLT	80-308	120	Quick Flange	4	1	96.0	43.5	6.50	0.184
YF440FNU-200	F440F-200 MIC/80 MSH 4" CIRC SCR FLT	80-308	80	Flange	4	1	96.0	43.5	6.50	0.184
YF440FNU-200-01	F440F-200 MIC/80 MSH 4"Q FLG CIRC FLT	80-308	80	Quick Flange	4	1	96.0	43.5	6.50	0.184
YF440VNU-100	F440V-100 MIC/150 MSH 4" CIRC SCR FLT	80-308	150	Grooved	4	1	96.0	43.5	6.50	0.184
YF440VNU-120	F440V-120 MIC/120 MSH 4" CIRC SCR FLT	80-308	120	Grooved	4	1	96.0	43.5	6.50	0.184
YF440VNU-200	F440V-200 MIC/80 MSH 4" CIRC SCR FLT	80-308	80	Grooved	4	1	96.0	43.5	6.50	0.184
YF460FNU-100	F460F-100 MIC/150 MSH 6" CIRC SCR FLT	136-925	150	Flange	6	1	258.0	117.0	15.40	0.436
YF460FNU-100-01	F460F-100 MIC/150 MSH 6"Q FLG CIRC FLT	136-925	150	Quick Flange	6	1	258.0	117.0	15.40	0.436
YF460FNU-120	F460F-120 MIC/120 MSH 6" CIRC SCR FLT	136-925	120	Flange	6	1	258.0	117.0	15.40	0.436
YF460FNU-120-01	F460F-120-01 MIC 6" Q FLG CIRC SCR FLT	136-925	120	Quick Flange	6	1	258.0	117.0	15.40	0.436
YF460FNU-200	F460F-200 MIC/80MSH 6" CIRC SCR FILTER	136-925	80	Flange	6	1	258.0	117.0	15.40	0.436
YF460FNU-200-01	F460F-200 MIC/80 MSH 6"Q FLG CIRC FLT	136-925	80	Quick Flange	6	1	258.0	117.0	15.40	0.436
YF460VNU-100	F460V-100 MIC/150 MSH 6" CIRC SCR FLT	136-925	150	Grooved	6	1	258.0	117.0	15.40	0.436
YF460VNU-120	F460V-120 MIC/120 MSH 6" CIRC SCR FLT	136-925	120	Grooved	6	1	258.0	117.0	15.40	0.436
YF460VNU-200	F460V-200 MIC/80 MSH 6" CIRC SCR FLT	136-925	80	Grooved	6	1	258.0	117.0	15.40	0.436
YF480FNU-100	F480F-100 MIC/150 MSH 8" CIRC SCR FLT	720-1320	150	Flange	8	1	419.0	190.1	26.70	0.756
YF480FNU-100-01	F480F-100 MIC/150 MSH 8"Q FLG CIRC FLT	720-1320	150	Quick Flange	8	1	419.0	190.1	26.70	0.756
YF480FNU-120	F480F-120 MIC/120 MSH 8" CIRC SCR FLT	720-1320	120	Flange	8	1	419.0	190.1	26.70	0.756
YF480FNU-120-01	F480F-120 MIC/120 MSH 8"Q FLG CIRC FLT	720-1320	120	Quick Flange	8	1	419.0	190.1	26.70	0.756
YF480FNU-200	F480F-200 MIC/80 MSH 8" CIRC SCR FLT	720-1320	80	Flange	8	1	419.0	190.1	26.70	0.756
YF480FNU-200-01	F480F-200 MIC/80 MSH 8"Q FLG CIRC FLT	720-1320	80	Quick Flange	8	1	419.0	190.1	26.70	0.756
YF410FNU-100	F410F-100 MIC/150 MSH 10" CIRC SCR FLT1,189-2,205	150	150	Flange	10	1	463.0	210.0	26.70	0.756
YF410FNU-120	F410F-120 MIC/120 MSH 10" CIRC SCR FLT1,189-2,205	120	120	Flange	10	1	463.0	210.0	26.70	0.756
YF410FNU-200	F410F-200 MIC/80 MSH 10" CIRC SCR FLT1,189-2,205	80	80	Flange	10	1	463.0	210.0	26.70	0.756

\* Flow rates are based on good water quality and 120 mesh screens



# Filtration



## Sand Media Filters - Carbon Steel (Category IX)

Part Number	Description	FlowRate GPM*	Connection Config	Manifold Size (In.)	Quantity Carton	Carton Weight		Carton Cube		
						Lbs.	Kilos	Ft.	M.	
<b>Double Chamber - F600 Series</b>										
YF620L2002SCDC	SMF 20"X2 (S) CST DC CONTROLLER	46-78	Straight - End Feed	4	4	1	370.0	167.8	51.00	1.443
YF635L2402SCDC	SMF 24"X2 (S) CST DC CONTROLLER	118-176	Straight - End Feed	4	4	1	600.0	272.2	51.00	1.443
YF635L2403SATC	SMF 24"X3 (S) CST AT CONTROLLER	177-264	Straight - End Feed	4	4	1	850.0	385.6	110.00	3.113
YF635L2403SCDC	SMF 24"X3 (S) CST DC CONTROLLER	177-264	Straight - End Feed	4	4	1	850.0	385.6	110.00	3.113
YF635L2404TCDC	SMF 24"X4 (T) CST DC CONTROLLER	236-352	Center Feed	4	4	1	1200.0	544.3	127.00	3.594
YF640L3002SCDC	SMF 30"X2 (S) CST DC CONTROLLER	176-264	Straight - End Feed	4	4	1	860.0	390.1	104.00	2.943
YF650L3602SCDC	SMF 36"X2 (S) CST DC CONTROLLER	280-386	Straight - End Feed	4	4	1	1125.0	510.3	71.00	2.009
YF650L3603SATCGEMS	SMF 36"X3 (S) CST ALEX-TRONIX GEMSOL	420-579	Straight - End Feed	6	6	1	1700.0	771.1	125.00	3.538
YF650L3603SCDC	SMF 36"X3 (S) CST DC CONTROLLER	420-579	Straight - End Feed	6	6	1	1700.0	771.1	125.00	3.538
YF650L3604TCDC	SMF 36"X4 (T) CST DC CONTROLLER	560-772	Center Feed	6	6	1	2250.0	1020.6	145.00	4.104
YF650L3605TCDC	SMF 36"X5 (T) CST DC CONTROLLER	700-965	Center Feed	6	6	1	2800.0	1270.1	355.00	10.047
YF650L3606TCDC	SMF 36"X6 (T) CST DC CONTROLLER	840-1158	Center Feed	8	6	1	3350.0	1519.6	521.00	14.744
YF605MV-12IN	SMF 12"X1" VIC DBL CHAM TANK ONLY	15-22	-	2	2	1	120.0	54.4	6.00	0.170
YF610MV-16IN	SMF 16"X2" VIC DBL CHAM TANK ONLY	23-39	-	2	2	1	125.0	56.7	8.20	0.232
YF620MV-20IN	SMF 20"X2" VIC DBL CHAM TANK ONLY	35-59	-	2	4	1	140.0	63.5	11.50	0.326
YF635MV-24IN	SMF 24"X2" VIC DBL CHAM TANK ONLY	35-59	-	2	4	1	220.0	99.8	21.10	0.597
YF640V-30IN	SMF 30"X3" VIC DBL CHAM TANK ONLY	59-88	-	3	4	1	290.0	131.5	31.00	0.878
YF650V-36IN	SMF 36"X3" VIC DBL CHAM TANK ONLY	140-193	-	3	4	1	375.0	170.1	37.50	1.062
<b>Single Chamber - F600 Series</b>										
YF660IVL-MC	SMF 48"X4" VIC SNGL CHAM TANK ONLY	295	-	4	-	1	542.0	245.9	59.00	1.670
YF660L4802SCDC	SMF 48"X2 (S) CST DC CONTROLLER	396-660	Straight - End Feed	6	6	1	1105.0	501.2	105.00	2.972
YF660L4803SATCGEMS	SMF 48"X3 (S) CST ALEX-TRONIX GEMSOL	594-990	Straight - End Feed	6	6	1	1500.0	680.4	158.00	4.471
YF660L4803SCDC	SMF 48"X3 (S) CST DC CONTROLLER	594-991	Straight - End Feed	6	6	1	1500.0	680.4	158.00	4.471
YF660L4804SCDC	SMF 48"X4 (S) CST DC CONTROLLER	792-1,320	Straight - End Feed	8	8	1	2210.0	1002.5	210.00	5.94
YF660L4804TCDC	SMF 48"X4 (T) CST DC CONTROLLER	792-1,320	Center Feed	8	6	1	2210.0	1002.5	210.00	5.943
YF660L4805TCDC	SMF 48"X5 (T) CST DC CONTROLLER	990-1,650	Center Feed	8	6	1	2800.0	1270.1	270.00	7.641
YF660L4806HCDC	SMF 48"X6 (H) CST DC CONTROLLER	1,188-1,980	H-Pattern	10	6	1	3400.0	1542.2	330.00	9.339
YF660L4808HCDC	SMF 48"X8 (H) CST DC CONTROLLER	1,584-2,640	H-Pattern	12	6	1	4500.0	2041.2	440.00	12.452
YF660L4812HATCGEMS	SMF 48"X12 (H) CST ALEX-TRONIX GEMSOL	2,376-3,960	H-Pattern	12	6	1	6700.0	3039.1	640.00	18.112
YF660L4812HCDC	SMF 48"X12 (H) CST DC CONTROLLER	2,376-3,961	H-Pattern	12	6	1	6700.0	3039.1	640.00	18.112



## Sand Media Filters - Stainless Steel (Category IX)

Part Number	Description	FlowRate GPM*	Connection Config	Manifold Size (In.)	Quantity Carton	Carton Weight		Carton Cube		
						Lbs.	Kilos	Ft.	M.	
<b>Single Chamber - F600 Series</b>										
YF650IVL-SS-WP	SMF 36"X3" VIC SS WP SNGL CHM TNK ONLY	140-193	-	3	4	1	290.0	131.5	37.50	1.062
YF660IVL-SS-MC-WP	SMF 48"X4" VIC SS304 WP SNGL CHM TNK ONLY	295	-	4	-	1	364.0	165.1	59.00	1.670
YF660LSS4802SPDCDC	SMF 48"X2 (S) SST W/PASS DC CONT	396-660	Straight - End Feed	6	6	1	1055.0	478.5	105.00	2.972
YF660LSS4802SPNCA	SMF 48"X2 (S) SST W/PASS N CONT AC SOL	396-660	Straight - End Feed	6	6	1	1044.0	473.6	105.00	2.972
YF660LSS4803PCDC	SMF 48"X3 (S) SST W/PASS DC CONT	594-991	Straight - End Feed	6	6	1	1590.0	721.2	158.00	4.471
YF660LSS4804PCDC	SMF 48"X4 (S) SST W/PASS DC CONT	792-1,320	Straight - End Feed	8	8	1	2110.0	957.1	210.00	5.943
YF660LSS4804TPDCDC	SMF 48"X4 (T) SST W/PASS DC CONT	792-1,320	Center Feed	8	6	1	2110.0	957.1	210.00	5.943
YF660LSS4805TPDCDC	SMF 48"X5 (T) SST W/PASS DC CONT	990-1,650	Center Feed	8	6	1	2625.0	1190.7	270.00	7.641
YF660LSS4805HPDCDC	SMF 48"X5 (H) SST W/PASS DC CONT	990-1,650	H-Pattern	10	6	1	3100.0	1406.2	478.00	13.527
YF660LSS4806HPDCDC	SMF 48"X6 (H) SST W/PASS DC CONT	1,188-1,980	H-Pattern	10	6	1	3220.0	1460.6	330.00	9.339
YF660LSS4808HPDCDC	SMF 48"X8 (H) SST W/PASS DC CONT	1,584-2,640	H-Pattern	12	6	1	4305.0	1952.7	440.00	12.452



## Sand Media Filters - Kits (Category IX)

Part Number	Description	FlowRate GPM*	Connection Config	Manifold Size (In.)	Quantity Carton	Carton Weight		Carton Cube		
						Lbs.	Kilos	Ft.	M.	
<b>Manifold and Accessory Kits - F600 Series</b>										
YFMAN660L-02-SS-01	KIT MAN SST F/SYS 48"X2 (S) SNGL CHMBR	-	Straight - End Feed	6	6	1	218.0	98.9	50.00	1.415
YFMAN660L-03-SS-01	KIT MAN SST F/SYS 48"X3 (S) SNGL CHMBR	-	Straight - End Feed	6	6	1	288.0	130.6	50.00	1.415
YFMAN660L-04-SS-01	KIT MAN SST F/SYS 48"X4 (T) SNGL CHMBR	-	Center Feed	8	6	1	570.0	258.6	63.20	1.789
YFMAN660L-04-SS-02	KIT MAN SST F/SYS 48"X4 (S) SNGL CHMBR	-	Straight - End Feed	8	8	1	520.0	235.9	63.20	1.789
YFACCS660L-02-01	KIT ACC F/SYS 48"X2 (S) SNGL CHMBR	-	Straight - End Feed	-	-	1	117.0	53.1	13.20	0.374
YFACCS660L-03-01	KIT ACC F/SYS 48"X3 (S) SNGL CHMBR	-	Straight - End Feed	-	-	1	175.0	79.4	13.20	0.374
YFACCS660L-04-01	KIT ACC F/SYS 48"X4 (T) SNGL CHMBR	-	Center Feed	-	-	1	270.0	122.5	13.20	0.374
YFACCS660L-04-02	KIT ACC F/SYS 48"X4 (S) SNGL CHMBR	-	Straight - End Feed	-	-	1	225.0	102.1	13.20	0.374



# Filtration



## Hydrocyclones - F700 Series (Category IX)

Part Number	Description	FlowRate GPM*	Connection Type	Connection Size (In.)	Cyclone Diameter (in.)	Quantity Carton	Carton Weight Lbs.	Carton Weight Kilos	Carton Cube Ft.	Carton Cube M.
YF700-TST-KIT	H.CYCLONE WATER QUALITY TESTER KIT	-	NPT	3/4	3	1	5.0	2.3	0.80	0.023
YF710N0015MYU	H.CYCLONE 3"X3/4"NPT W/TANK 0.4 GAL	11-17	NPT	3/4	3	1	18.0	8.2	0.70	0.020
YF720N0015MYU	H.CYCLONE 4"X1"NPT W/TANK 0.4 GAL	15-26	NPT	1	4	1	22.0	10.0	1.20	0.034
YF730N010MYU	H.CYCLONE 6"X1.5"NPT W/TANK 2.5 GAL	28.6-44	NPT	1.5	6	1	34.0	15.5	1.80	0.050
YF740V010MYU	H.CYCLONE 8"X2"VIC W/TANK 2.5 GAL	48-84	Grooved	2	8	1	52.0	23.6	2.70	0.076
YF750VLF010VYU	H.CYCLONE 8"X3"VIC LF W/TANK 2.5 GAL	48-84	Grooved	3	8	1	72.0	32.7	3.70	0.105
YF750V010VYU	H.CYCLONE 8"X3"VIC W/TANK 2.5 GAL	128-198	Grooved	3	8	1	72.0	32.7	3.70	0.105
YF755V030FYU	H.CYCLONE 12"X4"X3"VIC W/TANK 8 GAL	198-321	Grooved	4 / 3	12	1	165.0	74.8	8.20	0.232
YF760F060FYU	H.CYCLONE 16"X4"FL W/TANK 16 GAL	264-409	Flange	4	16	1	215.0	97.5	8.90	0.252
YF760V060FYU	H.CYCLONE 16" X4" VIC W/TANK 16 GAL	264-409	Grooved	4	16	1	215.0	97.5	8.90	0.252
YF770F150FYU	H.CYCLONE 20"X6"FL W/TANK 40 GAL	409-682	Flange	6	20	1	412.0	186.9	59.90	1.695
YF770V150FYU	H.CYCLONE 20"X6"VIC W/TANK 40 GAL	409-682	Grooved	6	20	1	412.0	186.9	59.50	1.684
YF775F150FYU	H.CYCLONE 24"X6"FL W/TANK 40 GAL	638-990	Flange	6	24	1	507.0	230.0	78.40	2.219
YF775V150FYU-01	H.CYCLONE 24"X6"Q FLG W/TANK 40 GAL	638-990	Quick Flange	6	24	1	507.0	230.0	78.40	2.219
YF775V150FYU	H.CYCLONE 24"X6"VIC W/TANK 40 GAL	638-990	Grooved	6	24	1	507.0	230.0	78.40	2.219
YF775F220FYU-01	H.CYCLONE 24"X6"Q FLG W/TANK 60 GAL	638-990	Quick Flange	6	24	1	650.0	294.8	105.00	2.972
YF780F220FYU	H.CYCLONE 30"X8"FL W/TANK 60 GAL	880-1,452	Flange	8	30	1	723.0	328.0	119.30	3.376
YF780F220FYU-01	H.CYCLONE 30"X8"Q FLG W/TANK 60 GAL	880-1,452	Quick Flange	8	30	1	723.0	328.0	119.30	3.376
YF780V220FYU	H.CYCLONE 30"X8"VIC W/TANK 60 GAL	880-1,452	Flange	8	30	1	723.0	328.0	119.30	3.376



## Hydrocyclones - F700 Series Cyclones and Sedimentation Tanks Only (Category IX)

Part Number	Description	FlowRate GPM*	Connection Type	Connection Size (In.)	Cyclone Diameter (in.)	Quantity Carton	Carton Weight Lbs.	Carton Weight Kilos	Carton Cube Ft.	Carton Cube M.
YF0710NNU	H.CYCLONE 3"X3/4" NPT CYCLONE ONLY	11-17	NPT	3/4	3	1	12.1	5.5	0.70	0.020
YF0720NNU	H.CYCLONE 4"X1" NPT CYCLONE ONLY	15-26	NPT	1	4	1	14.7	6.7	1.20	0.034
YF0730NNU	H.CYCLONE 6"X1.5" NPT CYCLONE ONLY	28.6-44	NPT	1.5	6	1	22.8	10.3	1.80	0.051
YF0740VNU	H.CYCLONE 8"X2" VIC CYCLONE ONLY	48-84	Grooved	2	8	1	34.8	15.8	3.50	0.099
YF0750VLFVNU	H.CYCLONE 8"X3" VIC LF CYCLONE ONLY	48-154	Grooved	3	8	1	48.2	21.9	3.70	0.105
YF0750VLFVNU-01	H.CYCLONE 8"X3" VIC LF Q FLG CYC. ONLY	88-154	Quick Flange	3	8	1	48.2	21.9	3.70	0.105
YF0750VNU	H.CYCLONE 8"X3" VIC CYCLONE ONLY	128-198	Grooved	3	8	1	48.2	21.9	3.70	0.105
YF0750VNU-01	H.CYCLONE 8"X3" VIC Q FLG CYCLONE ONLY	128-198	Quick Flange	3	8	1	48.2	21.9	3.70	0.105
YF0755FNU	H.CYCLONE 12"X4"X3" FL CYCLONE ONLY	198-321	Flange	4/3	12	1	111.0	50.3	8.20	0.232
YF0760FNU	H.CYCLONE 16" X4" FL CYCLONE ONLY	264-409	Flange	4	16	1	144.1	65.4	8.90	0.252
YF0770FNU	H.CYCLONE 20"X6" FL CYCLONE ONLY	409-682	Flange	6	20	1	276.0	125.2	59.50	1.684
YF0775FNU	H.CYCLONE 24"X6" FL CYCLONE ONLY	638-990	Flange	6	24	1	339.7	154.1	50.40	1.426
YF0780FNU	H.CYCLONE 30"X8" FL CYCLONE ONLY	880-1,452	Flange	8	30	1	484.4	219.7	81.30	2.301
YFT0015NNU	SEDIMENTATION TANK 0.4 GAL TH	-	NPT	-	-	1	7.3	3.3	0.65	0.018
YFT005NNU	SEDIMENTATION TANK 1.25 GAL TH	-	NPT	-	-	1	11.3	5.1	1.20	0.034
YFT010NNU	SEDIMENTATION TANK 2.5 GAL TH	-	NPT	-	-	1	23.8	10.8	1.75	0.050
YFT010VNU	SEDIMENTATION TANK 2.5 GAL GR 2" PORT	-	Grooved	-	-	1	23.8	10.8	1.75	0.050
YFT030FNU	SEDIMENTATION TANK 8 GAL FL	-	Flange	-	-	1	54.5	24.7	3.65	0.103
YFT060FNU	SEDIMENTATION TANK 16 GAL FL	-	Flange	-	-	1	71.0	32.2	3.65	0.103
YFT120FNU	SEDIMENTATION TANK 32 GAL FL	-	Flange	-	-	1	136.0	61.7	8.20	0.232
YFT150FNU	SEDIMENTATION TANK 40 GAL FL	-	Flange	-	-	1	167.3	75.9	28.00	0.792
YFT220FNU	SEDIMENTATION TANK 60 GAL FL	-	Flange	-	-	1	238.6	108.2	38.00	1.075



## Semi-Automatic Suction Scanner Screen Filters (Category IX)

Part Number	Description	FlowRate GPM*	Mesh	Connection Type	Connection Size (In.)	Quantity Carton	Carton Weight Lbs.	Carton Weight Kilos	Carton Cube Ft.	Carton Cube M.
SA500C/S - Series SA500Compact and SA500Suction										
YFSA504CF-2AS2	SA504 SEMI-AUTO COMP 4"FL 200MIC/80MSH	350	120	Flange	4	1	66.0	29.9	3.90	0.110
YFSA504CF-2AT2	SA504 SEMI-AUTO COMP 4"FL120MIC/120MSH	350	80	Flange	4	1	66.0	29.9	3.90	0.110
YFSA504SF-2AS2	SA504 SEMI-AUTO SUC 4" FL120MIC/120MSH	350	120	Flange	4	1	183.0	83.0	14.70	0.416
YFSA504SF-2AT2	SA504 SEMI-AUTO SUC 4" FL 200MIC/80MSH	350	80	Flange	4	1	183.0	83.0	14.70	0.416
YFSA506SF-2AS2	SA506 SEMI-AUTO SUC 6" FL120MIC/120MSH	660	120	Flange	6	1	225.0	102.1	18.50	0.524
YFSA506SF-2AT2	SA506 SEMI-AUTO SUC 6" FL 200MIC/80MSH	660	80	Flange	6	1	225.0	102.1	18.50	0.524
YFSA508SF-2AS2	SA508 SEMI-AUTO SUC 8" FL120MIC/120MSH	1,100	120	Flange	8	1	262.0	118.8	20.60	0.583
YFSA508SF-2AT2	SA508 SEMI-AUTO SUC 8" FL 200MIC/80MSH	1,100	80	Flange	8	1	262.0	118.8	20.60	0.583
YFSA510SIF-2AS2	SA510 SEMI-A SUC 10"(2x6")FL120MIC/120	2,200	120	Flange	10	1	505.0	229.1	61.00	1.726
YFSA510SIF-2AT2	SA510 SEMI-A SUC 10"(2x6")FL200MIC/80M	2,200	80	Flange	10	1	505.0	229.1	61.00	1.726
YFSA512SIF-2AS2	SA512 SEMI-A SUC 12"(2x8")FL120MIC/120	2,640	120	Flange	12	1	578.0	262.2	69.60	1.970
YFSA512SIF-2AT2	SA512 SEMI-A SUC 12"(2x8")FL200MIC/80M	2,640	80	Flange	12	1	578.0	262.2	69.60	1.970
YFSA514SIF-2AS2	SA514 SEMI-A SUC 14"(3x8")FL120MIC/120	3,300	120	Flange	14	1	778.0	352.9	89.80	2.541
YFSA514SIF-2AT2	SA514 SEMI-A SUC 14"(3x8")FL200MIC/80M	3,300	80	Flange	14	1	778.0	352.9	89.80	2.541

\* Flow rates are based on good water quality and 120 mesh screens



# Filtration



## Hydraulic Automatic Screen Filters (Category IX)

Part Number	Description	FlowRate GPM*	Screen Area		Connection Type	Connection Size (In.)	Carton Weight QTY	Carton Weight Lbs.Kilos	Carton Cube Ft. M.
			(In <sup>2</sup> )	Mesh					
<b>Angle - Series AF200</b>									
YFAF202XM-2MS0D1	AF202XM AUTO FLT 2" NPT 100MIC/150M DC	132	253	150	NPT	2	1	103.046.7	10.500.297
YFAF202XM-2MS2D1	AF202XM AUTO SCR FLT 2" NPT 120 MIC DC	132	253	120	NPT	2	1	103.046.7	10.500.297
YFAF203XM-2MS0D1	AF203XM AUTO SCR FLT 3" NPT 100 MIC DC	220	253	150	NPT	3	1	105.047.6	10.500.297
YFAF203XM-2MS2D1	AF203XM AUTO SCR FLT 3" NPT 120 MIC DC	220	253	120	NPT	3	1	105.047.6	10.500.297
YFAF204XF-2AS0D1	AF204XF AUTO SCR FLT 4" FL 100 MIC DC	396	430	150	Flange	4	1	154.069.9	19.400.549
YFAF204XF-2AS2D1	AF204XF AUTO SCR FLT 4" FL 120 MIC DC	396	430	120	Flange	4	1	154.069.9	19.400.549
YFAF204XF-ATC-S2	AF204XF AUTO FLT 4"FL120MIC/120MSH ATC	396	430	120	Flange	4	1	154.069.9	19.400.549
YFAF206F-2AS0D1	AF206F AUTO SCR FLT 6" FL 100 MIC DC	572	640	150	Flange	6	1	198.089.8	20.800.589
YFAF206F-2AS2D1	AF206F AUTO SCR FLT 6" FL 120 MIC DC	572	640	120	Flange	6	1	198.089.8	20.800.589
YFAF208F-2AS0D1	AF208F AUTO SCR FLT 8" FL 100 MIC DC	880	812	150	Flange	8	1	331.0150.1	36.801.041
YFAF208F-2AS2D1	AF208F AUTO SCR FLT 8" FL 120 MIC DC	880	812	120	Flange	8	1	331.0150.1	36.801.041



## Hydraulic Automatic Screen Filters - Carbon Steel (Category IX)

Part Number	Description	FlowRate GPM*	Screen Area		Connection Type	Connection Size (In.)	Carton Weight QTY	Carton Weight Lbs.Kilos	Carton Cube Ft. M.
			(In <sup>2</sup> )	Mesh					
<b>Parallel - Series AF800</b>									
YFAF804NLF-2AS0	AUTO FLT 4"NL FL SCR 100MIC/150MSH DC	325	896	150	Flange	4	1	298.0135.2	30.900.874
YFAF804NLF-2AS2	AUTO FLT 4"NL FL SCR 120MIC/120MSH DC	325	896	120	Flange	4	1	298.0135.2	30.900.874
YFAF804NLF-2AS5	AUTO FLT 4"NL FL SCR 150MIC/100MSH DC	325	896	100	Flange	4	1	298.0135.2	30.900.874
YFAF804NXFB-SL2AS0	AUTO FLT 4"NX FL SCR 100MIC/150MSH DC	450	1,300	150	Flange	4	1	340.0154.2	37.601.064
YFAF804NXFB-SL2AS2	AUTO FLT 4"NX FL SCR 120MIC/120MSH DC	450	1,300	120	Flange	4	1	340.0154.2	37.601.064
YFAF804NXFB-SL2AS5	AUTO FLT 4"NX FL SCR 150MIC/100MSH DC	450	1,300	100	Flange	4	1	340.0154.2	37.601.064
YFAF806NLF-SL2AS0	AUTO FLT 6"NL FL SCR 100MIC/150MSH DC	550	896	150	Flange	6	1	324.0147.0	30.900.874
YFAF806NLF-SL2AS2	AUTO FLT 6"NL FL SCR 120MIC/120MSH DC	550	896	120	Flange	6	1	324.0147.0	30.900.874
YFAF806NLF-SL2AS5	AUTO FLT 6"NL FL SCR 150MIC/100MSH DC	550	896	100	Flange	6	1	324.0147.0	30.900.874
YFAF806NX-ATC-S2	AUTO FLT 6"NX FL SCR 120MIC/120MSH ATC	650	1,300	120	Flange	6	1	346.0156.9	37.601.064
YFAF806NXFB-SL2AR8	AUTO FLT 6"NX FL SCR 80MIC/200MSH DC	650	1,300	200	Flange	6	1	346.0156.9	37.601.064
YFAF806NXFB-SL2AS0	AUTO FLT 6"NX FL SCR 100MIC/150MSH DC	650	1,300	150	Flange	6	1	346.0156.9	37.601.064
YFAF806NXFB-SL2AS2	AUTO FLT 6"NX FL SCR 120MIC/120MSH DC	650	1,300	120	Flange	6	1	346.0156.9	37.601.064
YFAF806NXFB-SL2AS5	AUTO FLT 6"NX FL SCR 150MIC/100MSH DC	650	1,300	100	Flange	6	1	346.0156.9	37.601.064
YFAF808NLF-SL2AR8	AUTO FLT 8"NL FL SCR 80MIC/200MSH DC	1,100	1,300	200	Flange	8	1	412.0186.9	51.801.466
YFAF808NLF-SL2AS0	AUTO FLT 8"NL FL SCR 100MIC/150MSH DC	1,100	1,300	150	Flange	8	1	412.0186.9	51.801.466
YFAF808NLF-SL2AS2	AUTO FLT 8"NL FL SCR 120MIC/120MSH DC	1,100	1,300	120	Flange	8	1	412.0186.9	51.801.466
YFAF808NLF-SL2AS5	AUTO FLT 8"NL FL SCR 150MIC/100MSH DC	1,100	1,300	100	Flange	8	1	412.0186.9	51.801.466
YFAF810XFB-SL2AS0	AUTO FLT 10"X FL SCR 100MIC/150MSH DC	1,800	1,815	150	Flange	10	1	893.0405.1	88.002.490
YFAF810XFB-SL2AS2	AUTO FLT 10"X FL SCR 120MIC/120MSH DC	1,800	1,815	120	Flange	10	1	893.0405.1	88.002.490
YFAF810XFB-SL2AS5	AUTO FLT 10"X FL SCR 150MIC/100MSH DC	1,800	1,815	100	Flange	10	1	893.0405.1	88.002.490
YF808-02-10-SL2AS0	AUTO FLT 10"(2x8")FL SCR100MIC/150M DC	2,200	2,600	150	Flange	10	1	1236.0560.6	208.005.886
YF808-02-10-SL2AS2	AUTO FLT 10"(2x8")FL SCR120MIC/120M DC	2,200	2,600	120	Flange	10	1	1236.0560.6	208.005.886
YF808-02-10-SL2AS5	AUTO FLT 10"(2x8")FL SCR150MIC/100M DC	2,200	2,600	100	Flange	10	1	1236.0560.6	208.005.886
YF808-03-12-SL2AS0	AUTO FLT 12"(3x8")FL SCR100MIC/150M DC	3,300	3,900	150	Flange	12	1	1750.0793.8	216.006.113
YF808-03-12-SL2AS2	AUTO FLT 12"(3x8")FL SCR120MIC120M DC	3,300	3,900	120	Flange	12	1	1750.0793.8	216.006.113
YF808-03-12-SL2AS5	AUTO FLT 12"(3x8")FL SCR150MIC/100M DC	3,300	3,900	100	Flange	12	1	1750.0793.8	216.006.113





# Filtration



## Hydraulic Automatic Screen Filters - Stainless Steel (Category IX)

Part Number	Description	FlowRate GPM*	Screen Area (In <sup>2</sup> )	Mesh	Connection Type	Connection Size (In.)	Quantity	Carton Weight Lbs.Kilos	Carton Cube Ft. M.
<b>Parallel - Series AF800-SS</b>									
YFAF804NL-SS 100M	AUTO FLT 4"NL SS FLT 100MIC/150MSH DC	325	896	150	Flange	4	1	298.0135.2	30.900.874
YFAF804NL-SS 120M	AUTO FLT 4"NL SS FLT 120MIC/120MSH DC	325	896	120	Flange	4	1	298.0135.2	30.900.874
YFAF804NL-SS 150M	AUTO FLT 4"NL SS FLT 150MIC/100MSH DC	325	896	100	Flange	4	1	298.0135.2	30.900.874
YFAF804NX-SS 100M	AUTO FLT 4"NX SS FLT 100MIC/150MSH DC	450	1,300	150	Flange	4	1	340.0154.2	37.601.064
YFAF804NX-SS 120M	AUTO FLT 4"NX SS FLT 120MIC/120MSH DC	450	1,300	120	Flange	4	1	340.0154.2	37.601.064
YFAF804NX-SS 150M	AUTO FLT 4"NX SS FLT 150MIC/100MSH DC	450	1,300	100	Flange	4	1	340.0154.2	37.601.064
YFAF806NL-SS 100M	AUTO FLT 6"NL SS FLT 100MIC/150MSH DC	550	896	150	Flange	6	1	324.0147.0	30.900.874
YFAF806NL-SS 120M	AUTO FLT 6"NL SS FLT 120MIC/120MSH DC	550	896	120	Flange	6	1	324.0147.0	30.900.874
YFAF806NL-SS 150M	AUTO FLT 6"NL SS FLT 150MIC/100MSH DC	550	896	100	Flange	6	1	324.0147.0	30.900.874
YFAF806NX-SS 100M	AUTO FLT 6"NX SS FLT 100MIC/150MSH DC	650	1,300	150	Flange	6	1	346.0156.9	37.601.064
YFAF806NX-SS 120M	AUTO FLT 6"NX SS FLT 120MIC/120MSH DC	650	1,300	120	Flange	6	1	346.0156.9	37.601.064
YFAF806NX-SS 150M	AUTO FLT 6"NX SS FLT 150MIC/100MSH DC	650	1,300	100	Flange	6	1	346.0156.9	37.601.064
YFAF808NL-SS 100M	AUTO FLT 8"NL SS FLT 100MIC/150MSH DC	1,100	1,300	150	Flange	8	1	412.0186.9	51.801.466
YFAF808NL-SS 120M	AUTO FLT 8"NL SS FLT 120MIC/120MSH DC	1,100	1,300	120	Flange	8	1	412.0186.9	51.801.466
YFAF808NL-SS 150M	AUTO FLT 8"NL SS FLT 150MIC/100MSH DC	1,100	1,300	100	Flange	8	1	412.0186.9	51.801.466
YFAF810X-SS 100M	AUTO FLT 10"X SS FLT 100MIC/150MSH DC	1,800	1,815	150	Flange	10	1	893.0405.1	88.002.490
YFAF810X-SS 120M	AUTO FLT 10"X SS FLT 120MIC/120MSH DC	1,800	1,815	120	Flange	10	1	893.0405.1	88.002.490
YFAF810X-SS 150M	AUTO FLT 10"X SS FLT 150MIC/100MSH DC	1,800	1,815	100	Flange	10	1	893.0405.1	88.002.490

\* Flow rates are based on good water quality and 120 mesh screens



## Pre-Pump Strainer - PPS Series (Category IX)

Part Number	Description	FlowRate GPM*	Mesh	Connection Type	Connection Size (In.)	Quantity Carton	Carton Weight Lbs.Kilos	Carton Cube Ft. M.
YFPPS1004-1200	PRE PUMP STRAINER 4" 1200 MIC/16 MSH	350	16	Flange	4	1	132.059.9	22.000.623
YFPPS1004-2500	PRE PUMP STRAINER 4" 2500 MIC/8 MSH	440	8	Flange	4	1	132.059.9	22.000.623
YFPPS1006-1200	PRE PUMP STRAINER 6" 1200 MIC/16 MSH	660	16	Flange	6	1	165.074.8	22.000.623
YFPPS1006-2500	PRE PUMP STRAINER 6" 2500 MIC/8 MSH	840	8	Flange	6	1	165.074.8	22.000.623
YFPPS1008-1200	PRE PUMP STRAINER 8" 1200 MIC/16 MSH	1,320	16	Flange	8	1	176.079.8	27.500.778
YFPPS1008-2500	PRE PUMP STRAINER 8" 2500 MIC/8 MSH	1,670	8	Flange	8	1	176.079.8	27.500.778
YFPPS1010-1200	PRE PUMP STRAINER 10" 1200 MIC/16 MSH	2,200	16	Flange	10	1	282.0127.9	33.800.957
YFPPS1010-2500	PRE PUMP STRAINER 10" 2500 MIC/8 MSH	2,770	8	Flange	10	1	282.0127.9	33.800.957
YFPPS1012-1200	PRE PUMP STRAINER 12" 1200 MIC/16 MSH	3,080	16	Flange	12	1	311.0141.1	41.401.172
YFPPS1012-2500	PRE PUMP STRAINER 12" 2500 MIC/8 MSH	3,870	8	Flange	12	1	311.0141.1	41.401.172

\* Flow rates are based on good water quality and 16 mesh screens



# Filtration

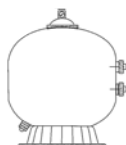
## Fiberglass Sand Media Filters - Automatic Systems (Category IX)

Part Number	Description	Solenoid Type	Tank Size In.	Flow Rate GPM	Connection Size	Quantity Carton	Carton Weight Lbs.	Carton Weight Kilos	Carton Cube Ft.	Carton Cube M.
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### Aqua-Clear Fiberglass Sand Media Filters: TWO-TANK AUTOMATIC SYSTEMS\*

*INCLUDED: Filter Body, Backwash valves, Air Vent, Controller, and Hydraulic Kit. 30" & 36" filters also includes 3" Fitting Kit.*

ACS-218-12VDCL ACS-218-24VAC	2 x 18" Aqua Clear automated filter station	DCL AC	18	75	2"	—	—	—	—	—
ACS-224-12VDCL ACS-224-24VAC	2 x 24" Aqua Clear automated filter station	DCL AC	24	120	2"	—	—	—	—	—
ACS-230-12VDCL ACS-230-24VAC	2 x 30" Aqua Clear automated filter station	DCL AC	30	150	2"	—	—	—	—	—
ACS-236-12VDCL ACS-236-24VAC	2 x 36" Aqua Clear automated filter station	DCL AC	36	210	2"	—	—	—	—	—



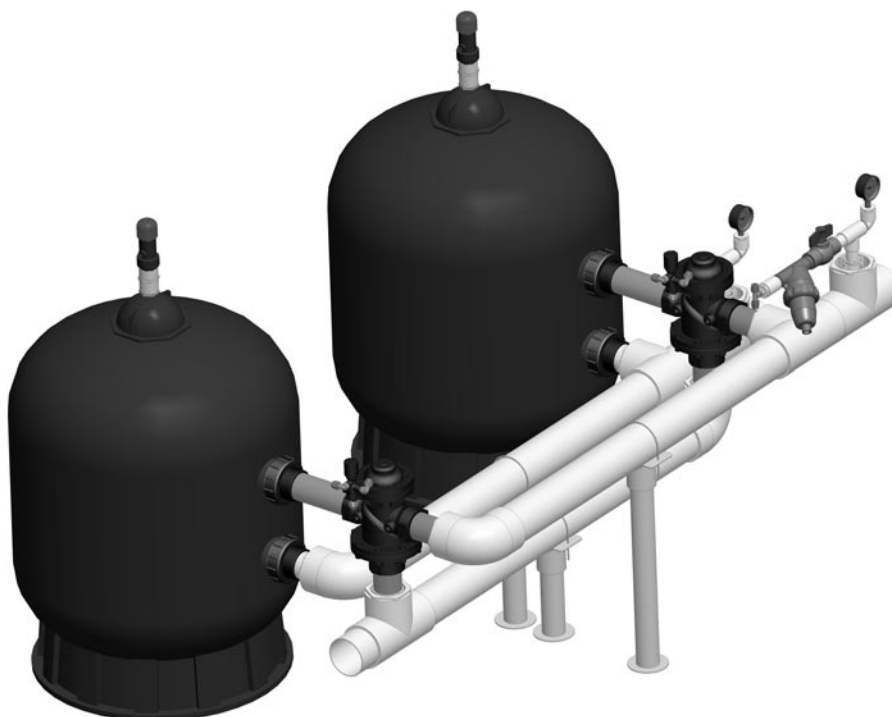
### Aqua-Clear Fiberglass Sand Media Filters: ONE-TANK EXPANSION FOR AUTOMATIC SYSTEMS

*INCLUDED: Filter Body, Bulkhead adapters, Backwash valves, Air Vent, Hydraulic tube & Fittings sufficient to add one filter to an existing Aqua-Clear system of the same filter size.*

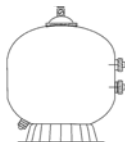
ACX-118-12VDCL ACX-118-24VAC	1 x 18" Aqua Clear automated filter station	DCL AC	18		2"	—	—	—	—	—
ACX-124-12VDCL ACX-124-24VAC	1 x 24" Aqua Clear automated filter station	DCL AC	24	See Sizing Recommendations Chart	2"	—	—	—	—	—
ACX-130-12VDCL ACX-130-24VAC	1 x 30" Aqua Clear automated filter station	DCL AC	30		2"	—	—	—	—	—
ACX-136-12VDCL ACX-136-24VAC	1 x 36" Aqua Clear automated filter station	DCL AC	36		2"	—	—	—	—	—

### Sizing Recommendations:

Flow (gpm)	50	75	100	125	150	175	200	225	250	275	300	325	375	400
Liters/Sec	3	5	6	8	9	11	13	14	16	17	19	21	24	25
Filter Quantity x Tank Size	2 x 18"		2 x 24"	3 x 24"			3 x 30"			3 x 36"				



# Filtration



## Fiberglass Sand Media Filters - Single Filters & Components (Category IX)

Part Number	Description	Solenoid Type	Fits Filter Sizes	Flow Rate GPM	Quantity Carton	Carton Weight		Carton Cube		
						Lbs.	Kilos	Ft.	M.	
<b>Aqua-Clear Fiberglass Sand Media Filters: SINGLE FILTER TANKS</b>										
AC-40	18" Sand Media Filter	—	18	38	1	26	11.8	6.9	0.20	
AC-60	24" Sand Media Filter	—	24	62	1	42	19.1	11.6	0.33	
AC-100	30" Sand Media Filter	—	30	74	1	66	29.9	22.5	0.64	
AC-140	36" Sand Media Filter	—	36	106	1	76	34.5	38.9	1.10	

### Automatic Backwash Controllers & Valves for Aqua-Clear Filters

B-EXFP111002DP	Backwash Controller - 12v DCL	DC	18; 24; 30; 36	—	1	4	1.8	0.4	0.01
B-EXFP211002DP	Backwash Controller - 24v AC	AC	18; 24; 30; 36	—	1	4	1.8	0.4	0.01
B-S-TG-0208	Backwash Controller Expansion board 12v DCL	DC	18; 24; 30; 36	—	1	0.01	0.004	—	—
B-S-TG-0215	Backwash Controller Expansion board 24v AC	AC	18; 24; 30; 36	—	1	0.01	0.004	—	—
B2x2350S551DSPBVI	2" Electric Backwash Valve (12v DCL)	DC	18; 24	—	1	7.9	3.6	1.0	0.03
B2x2350S554ROPBVI	2" Electric Backwash Valve (24v AC)	AC	18; 24	—	1	7.9	3.6	1.0	0.03
B3x3350S551DSPBVI	3" Electric Backwash Valve (12v DCL)	DC	30; 36	—	1	13.5	6.1	0.8	0.02
B3x3350S554ROPBVI	3" Electric Backwash Valve (24v AC)	AC	30; 36	—	1	13.5	6.1	0.8	0.02

### Hydraulic Kit Components for Aqua-Clear Filters\*

ACK-HYD1	Aqua-Clear Hydraulic Kit (Complete)	—	18; 24; 30; 36	—	1	5.5	2.5	0.6	0.02
GPM0100	Pressure gauge (0-100 psi)	—	—	—	96	—	—	—	—
B-8MMHYD-10	Hydraulic control tubing (8mm) (10 FT)	—	—	—	1	0.3	0.1	0.2	0.00
AC-BHA2	Bulkhead Adapters (2")	—	—	—	1	1.1	0.5	0.2	0.01
ALFD75150-L	3/4" disc filter	—	—	—	20	32	14.5	2.7	0.08
ARV-BBK1	Air release valve	—	—	—	25	5	2.3	—	—
28-102	Reducing Bushing 1/4" x 1/8", Brass	—	—	—	1	—	—	—	—
B-FT98-1T	Tee, Plastic [8mm Compression X 1/8" NPT]	—	—	—	1	—	—	—	—
B-FT28-EL	Elbow, Plastic [8mm Compression X 1/8" NPT]	—	—	—	1	—	—	—	—
B-FT98-T	Tee, Plastic [8mm Compression]	—	—	—	1	—	—	—	—

\*Included with the Automatic Filter station. Part numbers are provided here for parts reference.

### 3" Fitting Kit Components for Aqua-Clear Filters\*\*

ACK-3F	3" Fitting Kit (Complete)	—	30; 36	—	1	6.7	3.0	0.3	0.01
B-DS-V2030	Grooved Couplings (3")	—	—	—	1	3.5	1.6	—	—
VG03PE	Grooved Nipples	—	—	—	48	31	14.1	—	—
T-60403	Air Vent Cover Adapter	—	—	—	1	0.2	0.1	—	—

\*\*Included with the Automatic Filter station. Part numbers are provided here for parts reference.

### Manual Filter Valves for Manual Operation of Aqua-Clear Filters

AC-DV3P	2" PVC 3-Way Diverter Valve	—	—	2" spigot or 2½" slip	12	24	10.9	—	—
AC-STSV	Single Tank Backflush Valve (slide type)	—	—	2" slip	1	4.5	2.0	0.6	0.02
B-S4003WR24ACNCBBB	AC Solenoid for Backwash Valve	—	—	—	1	—	—	—	—
B-S982-3W	DC Latching Solenoid for Backwash Valve	—	—	—	1	—	—	—	—

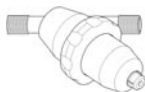
Parts Needed to Complete a Manual Filter Station					
	# Filters	1	2	3	
	SKU	Qty Needed			
Filter Body	AC-40; AC-60; AC-100; AC-140	1	2	3	
Bulkhead Adapter	AC-BHA2	1	2	3	
Backwash Valve	AC-STSV	1	-	-	
	AC-DV3P	-	2	3	
Gate Valve (to restrict backwash manifold)	obtain locally	1	1	1	



# Filtration

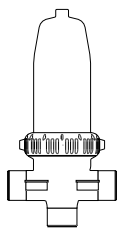
## Manual Disc Filters - NPT Thread (Category IX)

Part Number	Description	Ring Type	Flow Rate Max. gpm	Mesh note (*)	Connection Size (In.)	Quantity Carton	Carton Weight		Carton Cube	
							Lbs.	Kilos	Ft.	M.



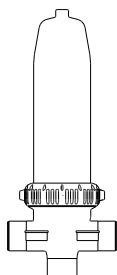
### F-Series Plastic Y Filters

ALFD75150-L	Manual Disc Plastic Y Filters (Large Body)		25	150	3/4" MPT	20	32.00	14.50	2.72	0.077
ALFD10150-L			35	150	1" MPT	20	32.00	14.50	2.72	0.077
ALFD15150-L			80	150	1-1/2" MPT	20	32.00	14.50	2.72	0.077



### SD Standard Disc Series Plastic Disc Filters 2" NPT Thread (Short Body)

IT-ABF5012-3SN	2" Disc Manual Plastic Filters with Short Body & Male NPT Thread	SD	110	120 (Blue)	2" MPT	1	20.00	9.10	1.80	0.051
IT-ABF5015-3SN		SD	110	150 (Red)	2" MPT	1	20.00	9.10	1.80	0.051
IT-ABF5020-3X-N		XD	110	200 (Brown)	2" MPT	1	20.00	9.10	1.80	0.051



### SD Standard Disc Series Plastic Disc Filters 2" NPT Thread (Long Body)

IT-ABF5012-3SLN	2" Disc Manual Plastic Filters with Long Body & Male NPT Thread	SD	110	120 (Blue)	2" MPT	1	26	11.8	2.5	0.071
IT-ABF5015-3SLN		SD	110	150 (Red)	2" MPT	1	26	11.8	2.5	0.071

### SD Standard Disc Series Plastic Disc Filters 3" NPT Thread (Short Body)

IT-ABF7512-3SSN	3" Disc Manual Plastic Filters with Short Body & Male NPT Thread	SD	170	120 (Blue)	3" MPT	1	22.00	10.00	1.80	0.051
IT-ABF7515-3SSN		SD	170	150 (Red)	3" MPT	1	22.00	10.00	1.80	0.051

### SD Standard Disc Series Plastic Disc Filters 3" NPT Thread (Long Body)

IT-ABF7512-3SN	3" Disc Manual Plastic Filters with Long Body & Male NPT Thread	SD	220	120 (Blue)	3" MPT	1	28.00	12.70	2.50	0.071
IT-ABF7515-3SN		SD	220	150 (Red)	3" MPT	1	28.00	12.70	2.50	0.071
IT-ABF7520-3X-N		XD	220	200 (Brown)	3" MPT	1	28.00	12.70	2.50	0.071

## Filter Replacement Elements (Category IX)

Part Number	Description	Mesh Size	Quantity		Carton Weight		Carton Cube	
			Each	Carton	Lbs.	Kilos	Ft.	M.



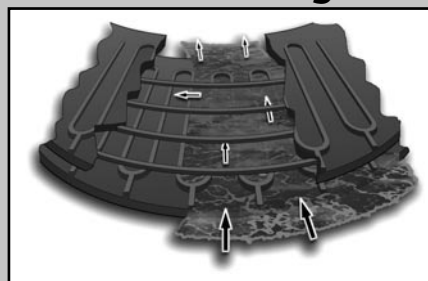
IT-AMPS204-120	2" & 3" SD CARTRIDGE <b>120 MESH</b> w/ O-Ring (Blue) <b>SHORT BODY</b>	120	1	6	60.00	27.20	57.00	2.40
IT-AMPS204-150	2" & 3" SD CARTRIDGE <b>150 MESH</b> w/ O-Ring (Red) <b>SHORT BODY</b>	150	1	6	60.00	27.20	57.00	2.40
IT-AMPX0204-200	2" & 3" XD CARTRIDGE <b>200 MESH</b> w/ O-Ring (Brown) <b>SHORT BODY</b>	200	1	6	60.00	27.20	57.00	2.40
IT-AMPS304-120	2" & 3" SD CARTRIDGE <b>120 MESH</b> w/ O-Ring (Blue) <b>LONG BODY</b>	120	1	4	60.00	27.20	57.00	2.40
IT-AMPS304-150	2" & 3" SD CARTRIDGE <b>150 MESH</b> w/ O-Ring (Red) <b>LONG BODY</b>	150	1	4	60.00	27.20	57.00	2.40
IT-AMPX0304-200	2" & 3" XD CARTRIDGE <b>200 MESH</b> w/ O-Ring (Brown) <b>LONG BODY</b>	200	1	4	60.00	27.20	57.00	2.40

### SD Disc Rings



Available in 120 and 150 mesh

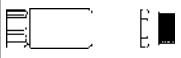
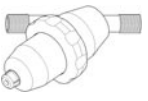
### XD Disc Rings



Available in 200 mesh

## Filtration

### Manual Screen Filters (Category IX)

Part Number	Description	Flow Rate Max. gpm	Mesh note (*)	Connection Size (In.)	Quantity Carton	Carton Weight		Carton Cube		
						Lbs.	Kilos	Ft.	M.	
<b>3/4" Plastic In-Line Hose Filters</b>										
 AHI2000	In-Line Manual Plastic Screen; 3/4" FHT	—	34	3/4" FHT	200	56.00	25.00	1.35	0.038	
AHS2000	Element for 3/4" In-Line Hose Screen Filter	—	34		1	—	—	—	—	
<b>F-Series Plastic Y-Filters</b>										
 ALFS75150-S		18	150	3/4" MPT	60	32.0	14.5	2.72	0.077	
ALFS75150-L		25	150	3/4" MPT	20	32.0	14.5	2.72	0.077	
ALFS10050-S		25	50	1" MPT	60	32.0	14.5	2.72	0.077	
ALFS10150-S		25	150	1" MPT	60	32.0	14.5	2.72	0.077	
ALFS10050-L		35	50	1" MPT	20	32.0	14.5	2.72	0.077	
ALFS10150-L		35	150	1" MPT	20	32.0	14.5	2.72	0.077	
ALFS15150-L		80	150	1-1/2" MPT	20	32.0	14.5	2.72	0.077	

### Filter Replacement Elements (Category IX)

Part Number	Description	Mesh Size	Quantity Carton	Carton Weight		Carton Cube	
				Lbs.	Kilos	Ft.	M.
<b>F-Series Plastic Y Filter Cartridges (Small Body)</b>							
AMP0004-1S	Screen Cartridge for 3/4" & 1" Small Body Filter	150	1	—	—	—	—
<b>F-Series Plastic Y Filter Cartridges (Large Body)</b>							
AMP0004-2F	Screen Cartridge for 3/4"; 1" & 1-1/2" Large Body Filter	150	1	—	—	—	—
AMP0004-4F	Disc Cartridge for 3/4"; 1" & 1-1/2" Large Body Filter	150	1	—	—	—	—

#### Ordering Information:

Shaded area indicates products being discontinued. Limited to available stocks on hand.  
For replacement elements & parts, please refer to the Filter Replacement Parts.





# **Replacement Parts**

## Replacement Parts

### Turbo Emitters Replacement Parts (Category IV)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Turbo-SC® Plus Emitter Diaphragm</b>							
◇ DSP0304	Diaphragm	—	—	—	—	—	—
<b>Turbo-Key® Emitter Turbulent Flow Path Pill</b>							
DNP0108	2.0 gph (8 lph) @ 15 psi (1 Bar) Pill (Green)	—	—	—	—	—	—
<b>Turbo-Key® II Emitter Turbulent Flow Path Pill</b>							
◇ DNP0102	0.53 gph (2 lph) @ 15 psi (1 Bar) Pill (White)	—	—	—	—	—	—
◇ DNP0104	1.06 gph (4 lph) @ 15 psi (1 Bar) Pill (Blue/Black)	—	—	—	—	—	—
◇ DNP0108	2.11 gph (8 lph) @ 15 psi (1 Bar) Pill (Green)	—	—	—	—	—	—

### Micro-Sprinkler V Classic Replacement Parts (Category V)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Micro-Sprinkler V Classic Nozzles</b>							
SPP4102	Nozzle - Black	1,000	—	—	—	—	—
SPP4103	Nozzle - White	1,000	—	—	—	—	—
SPP4104	Nozzle - Maroon	1,000	—	—	—	—	—
SPP4105	Nozzle - Green	1,000	—	—	—	—	—
SPP4106	Nozzle - Blue	1,000	—	—	—	—	—
SPP4107	Nozzle - Gray	1,000	—	—	—	—	—
SPP4108	Nozzle - Yellow	1,000	—	—	—	—	—
SPP4109	Nozzle - Red	1,000	—	—	—	—	—

#### Ordering Information:

◇ = MADE TO ORDER. Please consult Toro Ag Customer Service for availability.



# Replacement Parts

## Micro-Sprinkler VI Classic Replacement Parts (Category V)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Micro-Sprinkler VI Classic Bearing &amp; Spinners</b>							
SPP2600M	Bearing	1,000	—	—	—	—	—
SPP410L	Spinner	1,000	—	—	—	—	—
SPP412L	Spinner with Deflector Tab	1,000	—	—	—	—	—
◇ SPP413L	Spinner - Low Trajectory	1,000	—	—	—	—	—
<i>Note: To ensure optimal operation, it is recommended to replace both Bearing &amp; Spinner.</i>							
<b>Micro-Sprinkler VI Classic Nozzles</b>							
SPP4102	Nozzle - Black	1,000	—	—	—	—	—
SPP4103	Nozzle - White	1,000	—	—	—	—	—
SPP4104	Nozzle - Maroon	1,000	—	—	—	—	—
SPP4105	Nozzle - Green	1,000	—	—	—	—	—
SPP4106	Nozzle - Blue	1,000	—	—	—	—	—
SPP4107	Nozzle - Gray	1,000	—	—	—	—	—
SPP4108	Nozzle - Yellow	1,000	—	—	—	—	—
SPP4109	Nozzle - Red	1,000	—	—	—	—	—

## Micro-Sprinkler VI PC Replacement Parts (Category V)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Micro-Sprinkler VI PC Bearing &amp; Spinners</b>							
SPP2600M	Bearing	1,000	—	—	—	—	—
SPP250L	Spinner	1,000	—	—	—	—	—
SPP251L	Spinner with Deflector Tab	1,000	—	—	—	—	—
<i>Note: To insure optimal operation, it is recommended to replace both Bearing &amp; Spinner.</i>							
<b>Micro-Sprinkler VI PC Nozzles (Nozzle Only)</b>							
◇ SPP2035	Nozzle - Brown	1,000	—	—	—	—	—
◇ SPP2047	Nozzle - Light Blue	1,000	—	—	—	—	—
◇ SPP2055	Nozzle - Light Green	1,000	—	—	—	—	—
◇ SPP2070	Nozzle - Orange	1,000	—	—	—	—	—
◇ SPP2090	Nozzle - Gray*	1,000	—	—	—	—	—
<b>Micro-Sprinkler VI PC Diaphragm</b>							
◇ DSP2000	Diaphragm	1,000	—	—	—	—	—
<b>Micro-Sprinkler VI Frame</b>							
◇ SPP2999	Frame	1,000	—	—	—	—	—
<i>Note: *Use Spinner (Part No. SPP410L or SPP412L)</i>							

## Micro-Sprinkler 7 PC Replacement Parts (Category V)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Micro-Sprinkler 7 PC Bearing &amp; Spinners</b>							
SPP2600M	Bearing	1,000	—	—	—	—	—
SPP410L	Spinner	1,000	—	—	—	—	—
SPP412L	Spinner with Deflector Tab	1,000	—	—	—	—	—
◇ SPP413L	Spinner - Low Trajectory	1,000	—	—	—	—	—
<i>Note: To insure optimal operation, it is recommended to replace both Bearing &amp; Spinner.</i>							
<b>Micro-Sprinkler 7 PC Nozzles (Nozzle Only)</b>							
◇ SPC2036	Nozzle - Black	1,000	—	—	—	—	—
◇ SPC2047	Nozzle - Light Blue	1,000	—	—	—	—	—
◇ SPC2057	Nozzle - White	1,000	—	—	—	—	—
◇ SPC2076	Nozzle - Maroon	1,000	—	—	—	—	—
◇ SPC2099	Nozzle - Green	1,000	—	—	—	—	—
◇ SPC2118	Nozzle - Purple	1,000	—	—	—	—	—
◇ SPC2134	Nozzle - Blue	1,000	—	—	—	—	—
◇ SPC2155	Nozzle - Grey	1,000	—	—	—	—	—
<b>Micro-Sprinkler 7 PC Diaphragm</b>							
◇ DSP2000	Diaphragm	1,000	—	—	—	—	—
<b>Micro-Sprinkler 7 Frame</b>							
SPP2999	Frame	1,000	—	—	—	—	—

**Ordering Information:**

◇ = MADE TO ORDER. Please consult Toro Ag Customer Service for availability.



# Replacement Parts




## Valve Replacement Parts (Category Parts)

Part Number	Description	Quantity		Carton Weight		Carton Cube		
		Bag	Carton	Lbs.	Kilos	Ft.	M.	
<b>Common Accessories &amp; Replacement Parts</b>								
A-R811-24VACG	Solenoid, 24v AC 60 HZ		10	—	—	—	—	
A-DCL	Solenoid, 12v DCL	Fits all Valve series except: Bermad, 102, 600						
A-R606902	Manual bleed assembly	—	1	—	—	—	—	
<b>PVC Valves 2400 &amp; 2500</b>								
A-100236	Diaphragm Assembly, 2400	—	5	—	—	—	—	
539001	Diaphragm Assembly, 2500	—	5	—	—	—	—	
100237-H	Divider 2400, 2500 Series	—	5	—	—	—	—	
R1074601	Cover Assembly 2500TF	—	1	—	—	—	—	
534801	Cover Assembly, 2400 Series (w/Flow)	—	1	—	—	—	—	
R153201	Spring, 2500 Series	—	5	—	—	—	—	
100235	Spring, 2400 Series	—	5	—	—	—	—	
<b>PVC Valves 216B</b>								
114401-H	Diaphragm Assembly, 216B	—	2	—	—	—	—	
113401	Flow Shaft Assembly, 216B	—	5	—	—	—	—	
R216101	Cover Assembly Kit, 216B	—	1	—	—	—	—	
113801-H	Spring, 216B	—	5	—	—	—	—	
<b>PVC Valves 217B</b>								
A-114601-H	Diaphragm Assembly, 217B	—	2	—	—	—	—	
120601	Divider, 217B	—	2	—	—	—	—	
113401	Flow Shaft Assembly, 217B	—	5	—	—	—	—	
114001	Spring, 217B	—	2	—	—	—	—	
<b>100P Series</b>								
A-R606902	Manual bleed assembly	—	1	—	—	—	—	
R1572	Manual bleed adapter. Used in place of solenoid on manual valves.	—	5	—	—	—	—	
R933601	Bonnet Assembly for 100P1 and 100P1.5	—	1	—	—	—	—	
A-R934601	Bonnet Assembly for 100P2 and 100P3	—	1	—	—	—	—	
R933501	Diaphragm Assembly for 100P1	—	1	—	—	—	—	
A-R934201	Diaphragm Assembly for 100P1.5	—	1	—	—	—	—	
A-R934501	Diaphragm Assembly for 100P2	—	1	—	—	—	—	
A-R935001	Diaphragm Assembly for 100P3	—	1	—	—	—	—	
	*Includes: Diaphragm Assembly and Spring							
R100P1	Repair Kit, 100P1	—	1	—	—	—	—	
R100P1.5	Repair Kit, 100P1.5	—	1	—	—	—	—	
A-R100P2	Repair Kit, 100P2	—	1	—	—	—	—	
A-R100P3	Repair Kit, 100P3	—	1	—	—	—	—	
	*Includes: Metering Rod & Diaphragm Assemblies, O-rings, Hex Nuts or Screws							
R-1552	Metering Rod Assembly, 100 and 100P Series	—	5	—	—	—	—	
<b>Fits Valves Series</b>								
A-P220S-KIT-04			1"	1	0.3	0.1	-	-
A-P220S-KIT-06			1½"	1	0.3	0.1	-	-
A-P220S-KIT-08	Converts a 100 or 220 Series Standard Valve to a Scrubber Valve		2"	1	1.1	0.5	0.05	0.001
A-P220S-KIT-00			3"	1	1.1	0.5	0.05	0.001
<b>100 Series (manufactured prior to 1996)</b>								
SPK-100-1	Repair Kit for 100-1 Valve.	—	1	—	—	—	—	
SPK-100-1.5	Repair Kit for 100-1.5 Valve.	—	1	—	—	—	—	
SPK-100-2	Repair Kit for 100-2 Valve.	—	1	—	—	—	—	
SPK-100-3	Repair Kit for 100-3 Valve.	—	1	—	—	—	—	
	*Includes: Diaphragm Assemblies, Spring, Bleed Plug handle, O-ring, Hex Nuts or Screws.							
R936001	Retrofit from 100-1 to 100P1 Valve.	—	1	—	—	—	—	
R936101	Retrofit from 100-1.5 to 100P1.5 Valve.	—	1	—	—	—	—	
A-R936201	Retrofit from 100-2 to 100P2 Valve.	—	1	—	—	—	—	
A-R936301	Retrofit from 100-3 to 100P3 Valve.	—	1	—	—	—	—	
	*Includes: Bonnet & Diaphragm Assemblies, Spring, Bleed Plug handle, O-ring, Hex Nuts.							



# Replacement Parts

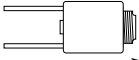
## Valve Replacement Parts (Category Parts)

Part Number	Description	Quantity		Carton Weight		Carton Cube		
		Bag	Carton	Lbs.	Kilos	Ft.	M.	
<b>102P Series</b>								
 A-R606902	Manual bleed assembly	—	1	—	—	—	—	
R1572	Manual bleed adapter. Used in place of solenoid on manual valves.	—	5	—	—	—	—	
R794101	"Solenoid only (no plunger/spring) for models 102P1, 102P1.5, 102P2 and 102P3, 24 VAC 60 HZ, .4 amp inrush, 2 amp holding."	—	1	—	—	—	—	
R532503	Spring and Plunger Assy for Solenoid part # R794101 (above).	—	1	—	—	—	—	
R-1340	3-Way Pilot Assembly for all 102P valves.	—	1	—	—	—	—	
R685201	Bleed Plug for all 102P valves.	—	1	—	—	—	—	
R955601	Bonnet Assembly for 102P1 and 102P1.5 valves.	—	1	—	—	—	—	
R955801	Bonnet Assembly for 102P2 and 102P3 valves.	—	1	—	—	—	—	
R956001	Diaphragm Assembly for 102P1	—	1	—	—	—	—	
R956101	Diaphragm Assembly for 102P1.5	—	1	—	—	—	—	
R956201-H	Diaphragm Assembly for 102P2	—	1	—	—	—	—	
R956301	Diaphragm Assembly for 102P3	—	1	—	—	—	—	
	*Includes: Diaphragm Assembly and Spring							
A-R1146-2	Anti-Contamination Kit	—	1	—	—	—	—	
199901	Connector, male, 90 deg 1/8" NPT	—	1	—	—	—	—	
<b>213P Series</b>								
 A-R606902	Manual bleed assembly	—	1	—	—	—	—	
R1572	Manual bleed adapter. Used in place of solenoid on manual valves.	—	5	—	—	—	—	
R933601	Bonnet Assembly for 213P1 and 213P1.5	—	1	—	—	—	—	
A-R934601	Bonnet Assembly for 213P2 and 213P3	—	1	—	—	—	—	
R933501	Diaphragm Assembly for 213P1	—	1	—	—	—	—	
A-R934201	Diaphragm Assembly for 213P1.5	—	1	—	—	—	—	
A-R934501	Diaphragm Assembly for 213P2	—	1	—	—	—	—	
A-R935001	Diaphragm Assembly for 213P3	—	1	—	—	—	—	
SPK-100	0-100 PSI Pressure Gauge 1/4" MPT with adapter 1/4" FPT X 1/8" MPT, with 0-100 PSI spring (Green)	1	—	—	—	—	—	
A-1069502	Pressure Regulator only 0-30 psi (used on 213 and 713 valves)							
A-1069501	Pressure Regulator only 0-100 psi (used on 213 and 713 valves)							
 A-R688601	In-valve sensing pressure regulating assembly 0-30PSI (to use with 100 series valves)	—	1	—	—	—	—	
A-R688602	In-valve sensing pressure regulating assembly 0-100PSI (to use with 100 & 700 series valves)	—	1	—	—	—	—	
R2658	Adapter, Pressure Regulating, 2 Prong (10)	—	10	—	—	—	—	
199901	Connector, male, 90 deg 1/8" NPT	—	1	—	—	—	—	
799801	Connector, male, 1/8" NPT	—	1	—	—	—	—	

# Replacement Parts

## Valve Replacement Parts (Category Parts)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>600 Series (models 600, 601, 602 and 603)</b>							
VRP60023	Bonnet Assembly for all 600 Series 2" and 3" valves.	—	1	—	—	—	—
R956201-H	Diaphragm Assembly for 600 Series 2" valves.	—	1	—	—	—	—
R956301	Diaphragm Assembly for 600 Series 3" valves.	—	1	—	—	—	—
ZCP9548-01	Filter, inline 1/4" X 1/8" NPT	—	1	—	—	—	—
ZCP9572-02	3-way pilot valve 5-21PSI (blue)	—	1	—	—	—	—
ZCP9572-03	3-way pilot valve 9-35PSI (green)	—	1	—	—	—	—
ZCP9572-04	3-way pilot valve 21-113PSI (silver)	—	1	—	—	—	—
199901	Connector, male, 90 deg 1/8" NPT	—	1	—	—	—	—
ZCP9513-37	Tee, Brass FNPT 1/8"	—	1	—	—	—	—
ZCP9513-39	Tee, Plastic 4mm x 4mm x 4mm barbed	—	1	—	—	—	—
SOL2401	Solenoid, 24VAC (Three Way)	—	1	—	—	—	—
SOL2402	Solenoid, 24V DC Latching (Three Way)	—	1	—	—	—	—
SOL2403	Solenoid, 9-12 V DC Latching (Three Way)	—	1	—	—	—	—
ZCP9561-07	Plug 1/8" NPT, Plastic, Blue	—	1	—	—	—	—
ZCP9512-21	Bushing Reducer 1/8" F x 1/4" M	—	1	—	—	—	—
ZCP9513-38	Tee, Brass 1/8" NPT MxFxF	—	1	—	—	—	—
ZCP9530-32	Shuttle valve pressure selecting	—	1	—	—	—	—



## 700 & 713 Series

A-R606902	Manual bleed assembly	—	1	—	—	—	—
R1572	Manual bleed adapter. Used in place of solenoid on manual valves.	—	5	—	—	—	—
R1874	Seat Seal, 700-2	—	5	—	—	—	—
R2360	Filter Screen, 700-1	—	10	—	—	—	—
SPK-700B-.75	Repair kit for 700B-.75 valve	—	1	—	—	—	—
SPK-700-1	Repair kit for 700-1	—	1	—	—	—	—
A-SPK-700-1.5	Repair kit for 700-1.5	—	1	—	—	—	—
A-SPK-700-2	Repair kit for 700-2	—	1	—	—	—	—
R691901	Bonnet Assembly for 700-1	—	1	—	—	—	—
R691701	Bonnet Assembly for 700-1.5	—	1	—	—	—	—
R691801	Bonnet Assembly for 700-2	—	1	—	—	—	—
R2026	Diaphragm for 700B-.75 valve	—	1	—	—	—	—
R2357	Diaphragm for 700-1	—	1	—	—	—	—
R2383	Diaphragm for 700-1.5	—	1	—	—	—	—
R1869	Diaphragm for 700-2	—	1	—	—	—	—

### Ordering Information:

Shaded area indicates products being discontinued. Limited to available stocks on hand.

## Replacement Parts

### Valve Replacement Parts (Category Parts)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
SPK-100	0-100 PSI Pressure Gauge 1/4" MPT with adapter 1/4" FPT X 1/8" MPT, with 0-100 PSI spring (Green)	1	—	—	—	—	—
A-R688601	In-valve sensing pressure regulating assembly 0-30PSI (to use with 100 & 700 series valves)	—	1	—	—	—	—
A-R688602	In-valve sensing pressure regulating assembly 0-100PSI (to use with 100 & 700 series valves)	—	1	—	—	—	—
R2658	Adapter, Pressure Regulating, 2 Prong (10)	—	10	—	—	—	—
199901	Connector, male, 90 deg 1/8" NPT	—	1	—	—	—	—
799801	Connector, male, 1/8" NPT	—	1	—	—	—	—













# Replacement Parts

## Valve Replacement Parts (Category Parts)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Air Release Valve Parts</b>							
ARV01765	ARV-1-A and ARV-1-K Base O-Ring	1	—	—	—	—	—
ARV01764	ARV-1-A Main Seal	1	—	—	—	—	—
ARV01769	ARV-1-K Main Seal	1	—	—	—	—	—
ARV01787	ARV-2-KA and ARV-2-K Base O-Ring	1	—	—	—	—	—
ARV01785	ARV-2-KA and ARV-2-K Main Seal	1	—	—	—	—	—
ARV01786	ARV-2-KA Secondary Seal	1	—	—	—	—	—
<b>707PR Series</b>							
147501-H	Cover Assembly	—	1	—	—	—	—
147301	Bib Washer Assembly	—	5	—	—	—	—
147701	O-Ring	—	20	—	—	—	—

## Bermad Valve Replacement Parts (Category XII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>400 Series Metal Valves</b>							
B-2920064691	Valve Diaphragm 2" 400 SER	—	1	—	—	—	—
B-2930064691	Valve Diaphragm 3" 400 SER	—	1	—	—	—	—
B-2940064691	Valve Diaphragm 4" 400 SER	—	1	—	—	—	—
B-2960064691	Valve Diaphragm 6" 400 SER	—	1	—	—	—	—
B-298004090	Valve Diaphragm 8" 400 SER	—	1	—	—	—	—
B-298004090	Valve Diaphragm 10" 400 SER	—	1	—	—	—	—
<b>100 Series Plastic Valves</b>							
B-112L060190	Valve Diaphragm / Plug 2" 3" 100 SER	—	1	—	—	—	—
B-113L060090	Valve Diaphragm / Plug 3"L4"6" 100 SER	—	1	—	—	—	—
<b>Plastic Tube &amp; Fittings</b>							
	B-FT088MMNUT VLV PLASTIC FT08 8MM NUT	—	1	—	—	—	—
	B-FT18-MA Vlv Plastic FT18 MA 1/8"x 8mm	—	1	—	—	—	—
	B-FT28-EL VLV PLASTIC FT28 EL 1/8" X 8MM	—	1	—	—	—	—
	B-FT58-EL VLV PLASTIC FT58 EL 1/4" X 8MM	—	1	—	—	—	—
	B-FT98-1T VLV PLASTIC FT98/1 T 1/8"x8MMX8MM	—	1	—	—	—	—
	B-FT98-T Vlv Plastic FT98 Tee 8mmx8mmx8mm	—	1	—	—	—	—
	B-FTUBE8MM VLV PLASTIC TUBE FTUBE 8MM (PER METER)	—	1	—	—	—	—
<b>Bermad Solenoids</b>							
	B-S390-3WNO24VAC-R Solenoid S-390 3WAY NO 24VAC R	—	1	—	—	—	—
	B-S402-3W DC Latch Solenoid 9-24V DCL 3-way	—	1	—	—	—	—
	B-S982-3W DC Latch Solenoid 12-24V DCL 3-way	—	1	—	—	—	—

**Repair Information:**

Call Controller Repair Services for flat rate repairs or Refurbished Module / Panel Assembly (limited availability). Tel: +1 (800) 899-2058

# Replacement Parts

## Controller Replacement Modules (Category VII)

Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Evolution AG Controller</b>							
EVO-4AG-TM	Front Panel Assembly for EVO-4AG	—	1	1.23			
<b>Total Control® Controller Module Assembly</b>							
TC-6MOD-R	6-Station Module Assembly for TC-6EX-B.	—	1	—	—	—	—
TC-9MOD-R	9-Station Module Assembly for TC-9EX-B.	—	1	—	—	—	—
TC-12MOD-R	12-Station Module Assembly for TC-12EX-B.	—	1	—	—	—	—
TC-15MOD-R	15-Station Module Assembly for TC-15EX-B.	—	1	—	—	—	—
TC-18MOD-R	18-Station Module Assembly for TC-18EX-B.	—	1	—	—	—	—
TC-24MOD-R	24-Station Module Assembly for TC-24EX-B.	—	1	—	—	—	—
<b>Rain Dial® Controller Module Assembly</b>							
RD-6 MOD-R	6-Station Module Assembly for RD600-EXT.	—	1	—	—	—	—
RD-9 MOD-R	9-Station Module Assembly for RD900-EXT.	—	1	—	—	—	—
RD-12 MOD-R	12-Station Module Assembly for RD1200-EXT.	—	1	—	—	—	—
<b>IBOC Plus Series</b>							
89-9554	Front Panel for 4-station model IBOC4 PLUS.	—	1	—	—	—	—
89-9553	Front Panel for 8-station model IBOC8 PLUS.	—	1	—	—	—	—
89-9386	Front Panel for 12-station model IBOC12 PLUS.	—	1	—	—	—	—
<b>MC-E Series Controllers</b>							
MC-4E-PAN	A-MC-4E & MC-4 PLUS-B Panel Assembly	—	1	—	—	—	—
MC-6E-PAN	A-MC-6E & MC-6 PLUS-B Panel Assembly	—	1	—	—	—	—
MC-8E-PAN	A-MC-8E & MC-8 PLUS-B Panel Assembly	—	1	—	—	—	—
MC-12E-PAN	A-MC-12E & MC-12 PLUS-B Panel Assembly	—	1	—	—	—	—
MC-18E-PAN	A-MC-18E & MC-18 PLUS-B Panel Assembly	—	1	—	—	—	—
MC-24E-PAN	A-MC-24E & MC-24 PLUS-B Panel Assembly	—	1	—	—	—	—
MC-30E-PAN	A-MC-30E & MC-30 PLUS-B Panel Assembly	—	1	—	—	—	—
MC-36E-PAN	A-MC-36E & MC-36 PLUS-B Panel Assembly	—	1	—	—	—	—
MC-42E-PAN	A-MC-42E & MC-42 PLUS-B Panel Assembly	—	1	—	—	—	—
MC-48E-PAN	A-MC-48E Panel Assembly	—	1	—	—	—	—

## Controller Replacement Parts (Category Parts)



Part Number	Description	Quantity		Carton Weight		Carton Cube	
		Bag	Carton	Lbs.	Kilos	Ft.	M.
<b>Evolution® AG Controller Parts</b>							
A-118-3130	Kit, XFMR, 120V, Evolution-AG		1	1.54	0.70	0.031	0.001
<b>Total Control® Controller Parts</b>							
A-R614201	Transformer Assy, 120VAC, 60Hz for 6-18 station Total Control® Controllers.	—	1	—	—	—	—
<b>Rain Dial® Controller Parts</b>							
R201902	Transformer Assembly, 120 VAC, RD, RD PLUS	—	1	—	—	—	—
R102-5476	Ribbon Cable converter for new Rain Dial-R panel to older Rain Dials	—	5	—	—	—	—
R8969	Key, Rain Dial Series	—	1	—	—	—	—
<b>Kwik Dial® Controller Parts</b>							
102-4975	Transformer, 115-120 VAC, 60 Hz, Service Kit, KwikDial Series	—	1	—	—	—	—
<b>IBOC Plus Series</b>							
R671101	Lock Assembly.	—	1	—	—	—	—
683503	Control box keys.	—	1	—	—	—	—
<b>MC-E Series Controllers</b>							
R636901	Header Cable, 6", MC-E Series, MC Plus Series (4 cables per pack)	—	4	—	—	—	—
R615901	Transformer, 115 VAC, 50VA, MC-E and MC Plus Series	—	1	—	—	—	—
R671101	Lock & Key Assy., Dial, MC Plus, MC-E and IBOC Plus Series	—	1	—	—	—	—
683503	Key (HL238), 508/512, MC-E, MC Plus, Dial and IBOC Plus Series	—	1	—	—	—	—

\*Upgraded MC-E series controllers are backward compatible to MC-Plus controllers



# Replacement Parts

## Filter Replacement Parts (Category IX)

Part Number	Description	Mesh* Size	Quantity Carton	Carton Weight		Carton Cube	
				Lbs.	Kilos	Ft.	M.
<b>3/4" Plastic In-Line Hose Filters</b>							
AHP2431	In-Line plastic body only, 3/4" FHT inlet X 3/4" FHT outlet	—	200	45	20.4	1.35	0.038
AHS1000	Element for 3/4" In-Line Hose Screen Filter	200	1	—	—	—	—
AHS2000	Element for 3/4" In-Line Hose Screen Filter	34	1	—	—	—	—
<b>F-Series Plastic Y Filters</b>							
AMP0004-1S	Screen Cartridge for 3/4" & 1" Small Body Filter	150	1	—	—	—	—
AMP0004-4F	Disc Cartridge for 3/4"; 1" & 1-1/2" Large Body Filter	150	1	—	—	—	—
AMP0004-2F	Screen Cartridge for 3/4"; 1" & 1-1/2" Large Body Filter	150	1	—	—	—	—
1KLF2	O-Ring for Small Body Filter	—	1	—	—	—	—
1KLG1	O-Ring for Large Body Filter	—	1	—	—	—	—
<b>2" &amp; 3" Plastic Disc Filters Replacement Cartridges</b>							
	IT-AMPS204-120	2" & 3" SD CARTRIDGE 120 MESH w/ O-Ring (Blue) SHORT BODY	120	1	10	4.5	14.13 0.400
	IT-AMPS204-150	2" & 3" SD CARTRIDGE 150 MESH w/ O-Ring (Red) SHORT BODY	150	1	10	4.5	14.13 0.400
	IT-AMPX0204-200	2" & 3" XD CARTRIDGE 200 MESH w/ O-Ring (Brown) SHORT BODY	200	1	10	4.5	14.13 0.400
	IT-AMPX0204-085	2" & 3" XD CARTRIDGE 85 MESH w/ O-Ring (Gray) SHORT BODY	85	1	10	4.5	14.13 0.400
	IT-AMPX0204-120	2" & 3" XD CARTRIDGE 120 MESH w/ O-Ring (Blue) SHORT BODY	120	1	10	4.5	14.13 0.400
IT-AMPX0204-150	2" & 3" XD CARTRIDGE 150 MESH w/ O-Ring (Red) SHORT BODY	150	1	10	4.5	14.13 0.400	
	IT-AMPS304-120	2" & 3" SD CARTRIDGE 120 MESH w/ O-Ring (Blue) LONG BODY	120	1	15.0	6.804	14.1259 0.400
	IT-AMPS304-150	2" & 3" SD CARTRIDGE 150 MESH w/ O-Ring (Red) LONG BODY	150	1	15.0	6.804	14.1259 0.400
	IT-AMPX0304-200	2" & 3" SD CARTRIDGE 200 MESH w/ O-Ring (Brown) LONG BODY	200	1	15.0	6.804	14.1259 0.400
	IT-AMPX0304-050	2" & 3" XD CARTRIDGE 50 MESH w/ O-Ring (Yellow) LONG BODY	50	1	15	6.8	14.13 0.400
	IT-AMPX0304-085	2" & 3" XD CARTRIDGE 85 MESH w/ O-Ring (Gray) LONG BODY	85	1	15	6.8	14.13 0.400
IT-AMPX0304-120	2" & 3" XD CARTRIDGE 120 MESH w/ O-Ring (Blue) LONG BODY	120	1	15	6.8	14.13 0.400	
IT-AMPX0304-150	2" & 3" XD CARTRIDGE 150 MESH w/ O-Ring (Red) LONG BODY	150	1	15	6.8	14.13 0.400	
IT-ABF5000-3N	2" NPT Filter Body & Bonnet; no Cartridge	—	1	—	—	—	—
IT-AMPX0201-N	2" NPT Thread Filter Body with O-Ring	—	1	—	—	—	—
IT-AMPX0202	2" Filter Bonnet with O-Ring	—	1	—	—	—	—
IT-AMPX0203-N	2" NPT Thread Cap with O-Ring	—	1	—	—	—	—
IT-ATP1316	O-Ring for 2" Cap	—	1	—	—	—	—
IT-ABF7500-3SN	3" NPT Filter Body & Bonnet; no Cartridge	—	1	—	—	—	—
IT-AMPX0301-N	3" NPT Thread Filter Body with O-Ring	—	1	—	—	—	—
IT-AMPX0302	3" Filter Bonnet with O-Ring	—	1	—	—	—	—
IT-AMPX0303-N	3" NPT Thread Cap with O-Ring	—	1	—	—	—	—
IT-ATP1317	O-Ring for 3" Cap	—	1	—	—	—	—
IT-ATP1313	O-Ring for 2" & 3" Filter Bonnet	—	1	—	—	—	—
IT-ATP1314	O-Ring for 2" & 3" Filter Disc Cartridge	—	1	—	—	—	—
IT-ATP1330	Filter Locking Ring	—	1	—	—	—	—
IT-VBP025	1" Female BSP Thread (Flush) Ball Valve	—	1	—	—	—	—
IT-VBP025-N	1" Female NPT Thread (Flush) Ball Valve	—	1	—	—	—	—

**Ordering Information:**

Shaded area indicates products being discontinued. Limited to available stocks on hand.



## Replacement Parts

### Filter Replacement Parts (Category IX)

Part Number	Description	Mesh*	Quantity	Carton Weight		Carton Cube	
		Size	Carton	Lbs.	Kilos	Ft.	M.
<b>Aqua-Clear Filters</b>							
AC-154689	Air bleeder/tee assembly (18" & 24")	—	1	—	—	—	—
AC-273564	Air bleeder/tee assembly (30" & 36")	—	1	—	—	—	—
AC-154700	Adapter, brass air bleeder	—	1	—	—	—	—
AC-190059	Gauge, pressure back mount	—	1	—	—	—	—
AC-154661	O-ring, air bleeder adapter	—	1	—	—	—	—
AC-154664	Nut, 3/8 in., 16 SS	—	1	—	—	—	—
AC-151007	Filter Top Closure Kit 18", 24"	—	1	—	—	—	—
AC-151008	Filter Top Closure Kit 30", 36"	—	1	—	—	—	—
AC-154575	Filter Top Closure Cap only 18", 24"	—	1	—	—	—	—
AC-154570	Filter Top Closure Cap only 30", 36"	—	1	—	—	—	—
AC-154493	O-ring closure, 6 in. white	—	1	—	—	—	—
AC-150035	SAC-ainer air relief, 3/8 in.	—	1	—	—	—	—
AC-154763	Hub Lateral for 18", 24"	—	1	—	—	—	—
AC-154453	Hub Lateral for 30", 36"	—	1	—	—	—	—
AC-154598	Diffuser assembly AC-40 (18")	—	1	—	—	—	—
AC-154599	Diffuser assembly AC-60 (24")	—	1	—	—	—	—
AC-154462	Diffuser assembly AC-100 (30")	—	1	—	—	—	—
AC-154906	Diffuser assembly AC-140 (36")	—	1	—	—	—	—
AC-154412	Locknut 2 in. internal (2 required)	—	1	—	—	—	—
AC-154416	Spacer, 2 in. internal (2 required)	—	1	—	—	—	—
AC-154492	O-ring 2 in. bulkhead (2 required)	—	1	—	—	—	—
AC-154408	Spacer, 2 in. external (2 required)	—	1	—	—	—	—
AC-154538	Gasket, 2 in. bulkhead (2 required)	—	1	—	—	—	—
AC-154405	Bulkhead, 2 in. (2 required)	—	1	—	—	—	—
AC-154402	Adhesive tape, filter base attachment	—	1	—	—	—	—
AC-51016200	Diverter Valve O-ring 2-151 Buna N 70SH	—	1	—	—	—	—
AC-270038	Diverter Valve Spacer Split Ring	—	1	—	—	—	—
AC-192039	Diverter Valve O-ring 2-116 Buna 70	—	1	—	—	—	—
AC-270056	2 & 3-Way Diverter Valve assembly - 2"	—	1	—	—	—	—
AC-270141	Slide Valve nut - BLK SF PMP/VLV PSHPL	—	1	—	—	—	—
AC-273062	Slide Valve O-ring #2-227 CAP	—	1	—	—	—	—
AC-51005000	Slide Valve O-ring 2-325 EP DM	—	1	—	—	—	—
AC-263055	Slide Valve Kit Shaft Replacement Valve - push pull	—	1	—	—	—	—
B-S4003WR24ACNCBBB	AC Solenoid for Backwash Valve	—	1	—	—	—	—
B-S982-3W	DC Latching Solenoid for Backwash Valve	—	1	—	—	—	—





**Promotional  
Items &  
Sales Policy  
Information**

# Literature

## Product Literature (Category XI)

Part Number	Description	Quantity Pack	Pack Weight		Pack Cube	
			Lbs.	Kilos	Ft.	M.
<b>Product Catalog</b>						
ALT001	Toro Ag Product Catalog	1	—	—	—	—
<b>Drip Tape</b>						
ALT046-1	Aqua-Traxx® Sell Sheet	25	—	—	—	—
ALT003	Aqua-Traxx® 8 1/2 x 11 Tri-fold brochure with samples of the sizes and wall thickness for the Aqua-Traxx product line	1	—	—	—	—
ALT253	FlowControl® Testimonials	25	—	—	—	—
ALT258	FlowControl Sell Sheet	25	—	—	—	—
ALT276	Aqua-Traxx and Aqua-Traxx Azul™ Family Brochure	25	—	—	—	—
ALT277	Aqua-Traxx Azul Sell Sheet	25	—	—	—	—
<b>Neptune Flat Emitter Dripline</b>						
ALT203	Neptune Sell Sheet	25	—	—	—	—
ALT240	Neptune Sampler	1	—	—	—	—
<b>Dripline</b>						
ALT107	BlueLine™ Classic Inline Dripline Brochure	25	—	—	—	—
ALT106	BlueLine™ PC Inline Dripline Brochure	25	—	—	—	—
<b>Hose</b>						
ALT022-1	Oval Hose Sell Sheet	25	—	—	—	—
ALT007-1	Round Hose Sell Sheet	25	—	—	—	—
ALT156	Layflat Hose Sell Sheet	25	—	—	—	—
ALT184	IPS Flex PVC Tubing Sell Sheet	25	—	—	—	—
ALT234	Micro Distribution Tubing Sell Sheet	25	—	—	—	—
<b>On-Line Emitters</b>						
ALT014-1	Turbo SC™ / Turbo Key™ Sell Sheet	25	—	—	—	—
ALT016-1	E-2® Emitter Sell Sheet	25	—	—	—	—
<b>Fogger's, Snap-Jets &amp; Micro-Sprinklers</b>						
ALT018	Fogger Sell Sheet	25	—	—	—	—
ALT020	Snap-Jet®II Sell Sheet	25	—	—	—	—
ALT065-1	Micro-Sprinkler VI Classic Sell Sheet	25	—	—	—	—
ALT209	Micro Sprinkler PC Sell Sheet	25	—	—	—	—
ALT031	Pot Spray Stake Sell Sheet	25	—	—	—	—
<b>Valves</b>						
ALT011	100 Series Valves Sell Sheet	25	—	—	—	—
ALT012-1	700 Series Valves Sell Sheet	25	—	—	—	—
ALT087	Air Release Valve Brochure	25	—	—	—	—
ALT146	Bermad Valves Booklet	25	—	—	—	—
ALT148	PVC Valves Sell Sheet	25	—	—	—	—
<b>Controllers</b>						
ALT260	Evolution AG Controller Brochure	25	—	—	—	—
ALT009	Rain Dial® Controller Sell Sheet	25	—	—	—	—
ALT058	MC-E® Series Controller Sell Sheet	25	—	—	—	—
ALT008-1	IBOC® Plus Controller Sell Sheet	25	—	—	—	—
ALT136	KwikDial® Series Controller Sell Sheet	25	—	—	—	—
ALT167	Junior DC® Sell Sheet (English & Spanish)	25	—	—	—	—
ALT055	Total Control® Controller	25	—	—	—	—
<b>Chemical Injection</b>						
ALT032	Mazzei® Chemical Injection Brochure	25	—	—	—	—
<b>Filtration</b>						
ALT010	Plastic Y Filters Sell Sheet	25	—	—	—	—
ALT103	XD Filter Sell Sheet	25	—	—	—	—
ALT199	Aqua-Clear™ Fiberglass Sand Filters	25	—	—	—	—
ALT227	Aqua-Clear™ Automation Manual	1	—	—	—	—
<b>Accessories</b>						
ALT177	Pro-Loc Fittings Brochure	25	—	—	—	—
ALT202	Tools & Accessories	25	—	—	—	—
ALT052-1	Hose & Tape Fittings Sell Sheet	25	—	—	—	—
ALT158	Xpando® Take-Off Fittings Sell Sheet	25	—	—	—	—
ALT173	Oval and Layflat Connection Fittings Sell Sheet	25	—	—	—	—

# Literature

## Product Literature - Spanish (Category XI)

Part Number	Description	Quantity Pack	Pack Weight		Pack Cube	
			Lbs.	Kilos	Ft.	M.
<b>Product Catalog</b>						
ALT207	Toro Ag Product Catalog (Spanish)	1	—	—	—	—
<b>Drip Tape</b>						
ALT101	Aqua-Traxx® 8 1/2 x 11 Tri-fold brochure with samples of the sizes and wall thickness for the Aqua-Traxx product line ( Spanish)	1	—	—	—	—
ALT061-1	Aqua-Traxx® Sell Sheet ( Spanish)	25	—	—	—	—
ALT256	FlowControl® Testimonials (Spanish)	25	—	—	—	—
ALT259	FlowControl Sell Sheet (Spanish)	25	—	—	—	—
ALT279	Aqua-Traxx and Aqua-Traxx Azul™ Family Brochure (Spanish)	25	—	—	—	—
ALT280	Aqua-Traxx Azul Sell Sheet (Spanish)	25	—	—	—	—
<b>Neptune Flat Emitter Dripline</b>						
ALT204	Neptune Sell Sheet (Spanish)	25	—	—	—	—
ALT241	Neptune Sampler (Spanish)	1	—	—	—	—
<b>Dripline</b>						
ALT188	BlueLine™ Classic Inline Dripline Brochure	25	—	—	—	—
ALT212	BlueLine™ PC Dripline Brochure	25	—	—	—	—
<b>Hose</b>						
ALT037	Blue Stripe® Round Hose Sell Sheet ( Spanish)	25	—	—	—	—
ALT064-1	Oval Hose Sell Sheet ( Spanish)	25	—	—	—	—
ALT164	Layflat Hose Sell Sheet ( Spanish)	25	—	—	—	—
ALT187	IPS Flex PVC Tubing Sell Sheet ( Spanish)	25	—	—	—	—
ALT239	Micro Distribution Tubing Sell Sheet (Spanish)	25	—	—	—	—
<b>Fogger's, Snap-Jets &amp; Micro-Sprinklers</b>						
ALT113	Fogger Sell Sheet ( Spanish)	25	—	—	—	—
ALT213	Micro Sprinkler PC Sell Sheet (Spanish)	25	—	—	—	—
ALT017	Micro-Sprinkler VI Classic Sell Sheet ( Spanish)	25	—	—	—	—
ALT041	Pot Spray Stake Sell Sheet ( Spanish)	25	—	—	—	—
ALT220	E2 Sell Sheet (Spanish)	25	—	—	—	—
ALT221	Snap Jet Sell Sheet (Spanish)	25	—	—	—	—
<b>Valves</b>						
ALT117	100 Series Valves Sell Sheet (Spanish)	25	—	—	—	—
ALT034	600 Series Valve Sell Sheet (Spanish)	25	—	—	—	—
ALT035	Air Release Valve Brochure (Spanish)	25	—	—	—	—
ALT151	PVC Valves Sell Sheet (Spanish)	25	—	—	—	—
ALT222	700 Series Valves Sell Sheet (Spanish)	25	—	—	—	—
ALT223	Bermad Valves Sell Sheet (Spanish)	25	—	—	—	—
<b>Controllers</b>						
ALT118	Total Control® Controller Sell Sheet (Spanish)	25	—	—	—	—
ALT167	Junior DC® Sell Sheet (English & Spanish)	25	—	—	—	—
ALT216	IBOC Sell Sheet (Spanish)	25	—	—	—	—
ALT217	Kwik Dial Sell Sheet (Spanish)	25	—	—	—	—
ALT218	MCE Sell Sheet (Spanish)	25	—	—	—	—
ALT219	Rain Dial Sell Sheet (Spanish)	25	—	—	—	—
ALT255	Evolution® AG Controller Brochure	25	—	—	—	—
<b>Chemical Injection</b>						
ALT036	Mazzei® Chemical Injection Brochure (Spanish)	25	—	—	—	—
<b>Filters</b>						
ALT024	XD Filter Sell Sheet (Spanish)	25	—	—	—	—
ALT039	Plastic Y Filter Sell Sheet (Spanish)	25	—	—	—	—
ALT201	Aqua-Clear™ Fiberglass Sand Filters (Spanish)	25	—	—	—	—
<b>Accessories</b>						
ALT178	Pro-Loc Fittings Brochure (Spanish)	25	—	—	—	—
ALT119	Hose & Tape Fittings Sell Sheet (Spanish)	25	—	—	—	—
ALT170	Xpando® Take-Off Fittings Sell Sheet (Spanish)	25	—	—	—	—
ALT176	Oval and Layflat Connection Fittings Sell Sheet (Spanish)	25	—	—	—	—
ALT205	Tools & Accessories (Spanish)	25	—	—	—	—

# Literature

## Educational Literature (Category XI)

Part Number	Description	Quantity Carton	Carton Weight		Carton Cubic	
			Lbs.	Kilos	Ft.	M.
<b>Education</b>						
ALT179	Drip Irrigation Owner's Manual	1	—	—	—	—
ALT180	Quick Start Guide - Owner's Manual	1	—	—	—	—
ALT142	Irrigation Solutions - What is Drip Irrigation?	25	—	—	—	—
ALT143	Crop Solutions - Drip Irrigation on Corn	25	—	—	—	—
ALT144	Grower Solutions - Cox Valley View Farms Testimonial	25	—	—	—	—
ALT152	Grower Solutions - Weilmunster Farms Testimonial	25	—	—	—	—
ALT153	Grower Solutions - Standage Farms Testimonial	25	—	—	—	—
ALT154	Grower Solutions - Reiter Berry Farms Testimonial	25	—	—	—	—
ALT155	Irrigation Solutions - The Advantages of Closely Spaced Emitters	25	—	—	—	—
ALT159	Grower Solutions - Naumann Ranch Testimonial	25	—	—	—	—
ALT160	Grower Solutions - Craig Andrus Farms Testimonial	25	—	—	—	—
ALT161	Irrigation Solutions - Typical Drip System Layout	25	—	—	—	—
ALT182	Crop Solutions - Drip Irrigation on Potatoes	25	—	—	—	—
ALT183	Grower Solutions - Worth Farms Testimonial	25	—	—	—	—
ALT185	Crop Solutions - Drip Irrigation on Alfalfa	25	—	—	—	—
ALT186	Crop Solutions - Drip Irrigation on Cotton	25	—	—	—	—
ALT186	Crop Solutions - Drip Irrigation on Mint	25	—	—	—	—
ALT208	Irrigation Solutions - Subsurface Drip Irrigation for Field Crops	25	—	—	—	—
ALT228	Irrigation Solutions - Micro-Sprinklers for Integrated Pest Management (IPM)	25	—	—	—	—
ALT263	Drip Systems for Greenhouses	25	—	—	—	—
<b>Finance</b>						
ALT165	Grower Finance Brochure	25	—	—	—	—
ALT166	Dealer Finance Brochure	25	—	—	—	—

## Educational Literature - Spanish (Category XI)

Part Number	Description	Quantity Carton	Carton Weight		Carton Cubic	
			Lbs.	Kilos	Ft.	M.
<b>Education</b>						
ALT195	Drip Irrigation Owner's Manual (Spanish)	1	—	—	—	—
ALT181	Quick Start Guide - Owner's Manual (Spanish)	1	—	—	—	—
ALT150	Irrigation Solutions - What is Drip Irrigation? (Spanish)	25	—	—	—	—
ALT157	Crop Solutions - Drip Irrigation on Corn (Spanish)	25	—	—	—	—
ALT171	Grower Solutions - Cox Valley View Farms Testimonial (Spanish)	25	—	—	—	—
ALT189	Grower Solutions - Standage Farms Testimonial (Spanish)	25	—	—	—	—
ALT190	Grower Solutions - Weilmunster Farms Testimonial (Spanish)	25	—	—	—	—
ALT191	Grower Solutions - Reiter Berry Farms Testimonial (Spanish)	25	—	—	—	—
ALT192	Irrigation Solutions - The Advantages of Closely Spaced Emitters (Spanish)	25	—	—	—	—
ALT193	Grower Solutions - Craig Andrus Farms Testimonial (Spanish)	25	—	—	—	—
ALT194	Grower Solutions - Naumann Ranch Testimonial (Spanish)	25	—	—	—	—
ALT196	Crop Solutions - Drip Irrigation on Alfalfa (Spanish)	25	—	—	—	—
ALT197	Crop Solutions - Drip Irrigation on Potatoes (Spanish)	25	—	—	—	—
ALT198	Crop Solutions - Drip Irrigation on Cotton (Spanish)	25	—	—	—	—
ALT214	Crop Solutions - Drip Irrigation on Mint (Spanish)	25	—	—	—	—
ALT215	Irrigation Solutions - Subsurface Drip Irrigation (Spanish)	25	—	—	—	—
ALT224	Grower Solutions - Worth Farms Testimonial (Spanish)	25	—	—	—	—
ALT231	Irrigation Solutions - Micro-Sprinklers for Integrated Pest Management (IPM)	25	—	—	—	—
ALT266	Drip Systems for Greenhouses (Spanish)	25	—	—	—	—
<b>Finance</b>						
ALT168	Grower Finance Brochure (Spanish)	25	—	—	—	—
ALT169	Dealer Finance Brochure (Spanish)	25	—	—	—	—

Toro Ag literature is also available on our Print-on-Demand website at:  
<https://custompoint.rrd.com/xs2/prelogin?CMPID=4284&&qwert=14102202>

Additional promotional items are available from The Toro Company e-Store at:  
<http://store.4imprint.com/toro>

## Promotional Items

Promotional Items (Category XI)						
Part Number	Description	Quantity Carton	Carton Weight		Carton Cubic	
			Lbs.	Kilos	Ft.	M.
<b>Giveaways</b>						
ALT229	Aqua-Traxx Notepads	1	—	—	—	—
<b>Posters</b>						
ALT174	Typical Drip System Layout Poster	1	—	—	—	—
ALT175	Typical Drip System Layout Poster (Sp)	1	—	—	—	—
<b>Banners</b>						
ALT047	Aqua-Traxx Banner	1	—	—	—	—
ALT269	Toro Ag Vinyl Banner	1	—	—	—	—
<b>Product Displays</b>						
ALT145	Display Aqua-Traxx Reels. Lightweight reels for easy handling at events. Specify PC or Classic.	1	5.00	2.27	2.80	—
<b>Merchandising</b>						
490-8261	4' x 10' Toro Logo Floor Mat - Black	1	—	—	—	—
490-5961	50' Toro Pennant String	1	—	—	—	—
490-6980	Toro Ballons (50/pack)	50	—	—	—	—
490-6957	Toro Count on It Black Folder (25)	1	—	—	—	—
490-5974	Toro Tacker Sign 26.5"x18"	1	—	—	—	—
490-8281	Toro Counter Mat for Insert	1	—	—	—	—
490-5761	Toro Counter Stool	1	—	—	—	—
490-4094	Toro Logo Banner 5'x3'	1	—	—	—	—
490-6909	Toro Flag 5'x3', 100% Nylon	3	—	—	—	—
200-1864	Red Lanyard with Toro Logo	1	—	—	—	—
490-3146	Toro Table Cloth, black w/ Toro shield, fits 8' table	1	—	—	—	—
490-7748	Open/Close Toro Sign	1	—	—	—	—
490-7123	Toro Vehicle Decal, 12" x 8", set of 2	1	—	—	—	—
490-7124	Toro Trailer Decal, 21" x 13.75", set of 2	1	—	—	—	—
490-7339	Toro Product Clock, Toro logo, (requires one AA battery), 12.75" Diameter	1	—	—	—	—

Toro Ag literature is also available on our Print-on-Demand website at:  
<https://custompoint.rrd.com/xs2/prelogin?CMPID=4284&&qwerty=14102202>

Additional promotional items are available from The Toro Company e-Store at:  
<http://store.4imprint.com/toro>



## 2021 Toro Ag Terms and Conditions of Sale – USA

In addition to the Terms and Conditions set forth in any P.O. Acknowledgement issued by Toro Ag or otherwise brought to the dealer's attention, the following terms and conditions shall apply to any purchase of Toro Ag products:

**Terms:** Payment is due net thirty (30) days from date of invoice, upon credit approval, at the following address:

Toro Ag  
36346 Treasury Center  
Chicago, IL, 60694-6300  
USA

**Minimum Order:** USD \$500 net per shipping location (< USD \$500 orders are subject to a USD \$50 processing fee). This minimum applies to whole goods. There is no minimum order value for replacement parts.

**Overrun Policy:** For products that fall under the made to order classification, up to five (5) additional reels will be added to the ordered quantity. If the quantity of reels produced is greater than the ordered quantity, the sales order and the final invoice will be modified to match the produced quantity.

**Late Charge:** Overdue accounts shall bear interest at the rate of 1.5% per month or the maximum rate allowed by law.

**Pricing:** All list prices are USD \$, FCA Toro Distribution Center and subject to change without notice. Order confirmations will be sent upon acceptance of purchase order, confirming terms and conditions of sale in addition to those set forth herein.

**Freight Policy Domestic Dealers:** Freight is FCA Toro Distribution Center. Shipping policy is with a Toro Ag selected carrier. Shipments are made to physical dealer location. Shipments or drop shipments outside dealer location are only allowed within a 100 mile radius of dealer location. Shipped prepaid and added to the customer invoice, unless one of the following exceptions applies:

- Free freight for truckload orders of Tape or Flat Emitter Dripline; 5% freight allowance for 6 pallets or more of Tape or Flat Emitter Dripline.
- Any combination of products greater than \$20,000 will receive a freight allowance of 3% of invoice amount.
  - Freight allowance will be given on invoice and not to exceed shipping cost.
  - Freight allowance does not apply to will call orders.
- Free freight for Accessories orders above \$5,000 (any combination of products excluding Tape, Flat Emitter Dripline, Hose, Microtubing, Dripline and Metal Filters)
- Free freight for Layflat or IPS orders above \$4,000
- Freight Carrier Surcharges are not paid by Toro Ag and are the responsibility of the dealer.
- Multiple drop shipments to dealer locations are billed at actual cost plus USD \$100

service charge. Please call Customer Service for a freight quotation.

### Freight Policy International Dealers:

Shipment destinations are to the domestic freight forwarder chosen by the dealer. Freight is FCA Toro Distribution Center. The above policy for freight applies to the domestic component of freight.. Drop shipments are not allowed for international shipments.

### Return Goods:

**Warranty:** The dealer will provide a copy of Toro's written product warranty and any installation instructions or similar product information to its customers at or before the time of sale. In the event of a warranty claim, Toro Ag must be notified in writing within the applicable warranty period and within 30 days after discovering the product is not functioning properly. Toro will review the situation with the dealer and provide an answer within a reasonable time.

**Non-Warranty:** All returned merchandise requires a Return Goods Authorization (RGA) to insure proper tracking. All made to order, discontinued or special order items are not returnable.

To receive an RGA number the dealer should contact:

### Toro Ag Customer Service Department

Phone: +1 (877) 373-0087 or  
+1 (619) 596-2495,

Fax: +1 (800) 892-1822 or  
+1 (619) 596-4247 or  
+1 (619) 258-9973

The material must be returned within 60 days from date of invoice, in the original factory sealed packaging, in saleable condition, full carton quantities and freight pre-paid. A 25% restocking charge may apply to items being returned unless the goods are being returned due to an order entry or shipping error. A credit to the dealers account will be issued providing the goods are not made to order, discontinued items, shopworn or are a special order.

**Claims for Shortages:** All claims for shortage or damage must be submitted in writing to the freight carrier directly and to Toro Ag Customer Service within 5 days of receipt of goods. A legible copy of the bill of lading must also be included to verify receipt of product. Toro Ag is not liable for damage or loss occurring during shipment. Acceptance of shipped product by dealer or dealer agent is the responsibility of the dealer including proper count of product(s) and inspection of the product.

**Delivery:** Delivery estimates are made in good faith and are subject to delay due to government restrictions, failure of our suppliers to deliver, fires, strikes or other causes beyond our control. Any equipment needed for unloading is the responsibility of the consignee. It is not the

responsibility of the driver to assist in the unloading process.

**Additional Conditions of Sale:** The laws of the State of California apply to all Toro Ag contracts and commercial dealings. State Laws vary widely on the subject of commercial Credit interest and late charges. The Federal Usury Pre-Exemption Law currently in effect will apply to all transactions wherever applicable. The dealer will not (i) violate any laws prohibiting corrupt business practices; (ii) take any action that will cause Toro Ag or its affiliates to violate any laws, including the U.S. Foreign

Corrupt Practices Act of 1977 as amended; (iii) export, re-export, resell, release, or otherwise transfer, in violation of U.S. law, any Toro Ag supplied item to any country subject to comprehensive U.S. trade sanctions or partial

U.S. trade sanctions; (iv) participate in any illegal customer restrictions or boycotts prohibited under local law or the laws of the U.S.; (v) misuse, register or assert ownership over any Toro trademarks or Toro domain names (i.e. domain names including any Toro names or marks); or (vi) incite, enable, or knowingly allow third parties to commit acts mentioned under subparagraphs (i) – (v), above.

### Toro Ag Terms & Conditions of Sale – International

#### Terms:

1. Direct Bank Transfer In Advance - Wire transfers in U.S. Dollars to US Bank 800 Nicollet Mall, Minneapolis, MN 55402; ABA# 091000022 Swift# USBKUS44 IMT For: Toro Ag, Account# 104791355878 with instruction to advise full details by telephone. Please reference dealer name as the remitter.

--or--

2. Confirmed Irrevocable Letter Of Credit - Letter of credit must be confirmed by a USA bank. Do not use a USA subsidiary of a foreign bank. Letters of credit must be valid for a minimum of 90 days, from date of issue. All bank charges are to be paid by buyer. To ensure the most rapid shipment of your order, please send full text of letter of credit to the U.S. correspondent bank by tested telex.

#### Minimum Order:

1. Via Direct Bank Transfer In Advance – USD \$500 net.
2. Via Letter of Credit – USD \$10,000 net.

All other terms and conditions set forth in any P.O. Acknowledgement issued by Toro or otherwise brought to the buyer's attention shall apply.





Micro-Irrigation Business

Sales Warranty

Toro Ag and its affiliate, Toro Warranty Company pursuant to an agreement between them, jointly warrant to Toro Ag trade customers that Toro Ag products for agricultural use will be free from original defects in materials and workmanship.

Toro Ag Price list is F.O.B. Factory. Neither Toro Ag nor Toro Warranty Company is liable for loss or damage occurring during shipment. Responsibility for safe delivery is assumed by the customer and freight carrier at the time of shipment. Claims for such damages should be filed with the freight carrier immediately upon identification.

Claims for defects that are not freight related should be filed with Toro Ag no later than five days from date of discovery of defect within the warranty period as stated below. In order to accurately identify the cause of potential warranty defects, the customer shall provide access to the field, system components, design information, maintenance records, and injected compounds (fertilizers, chemicals, etc.) as requested by Toro.

Toro Ag warranty only covers the Toro product itself, and only applies to defects in material or workmanship in that Toro product; warranty does not cover loss or damage to anything else, or loss or damage to the Toro product caused by anything other than a defect in that Toro product. For example and not by way of limitation, this warranty does not apply to loss or damage to the product, vegetation or other property or

personal injury due to improper installation and or application (including non-standard use of product as for example mechanically moved irrigation systems, continuous pressure situations, heated water, waste water, potable water or others), abuse, alteration, mishandling, accident, insects, rodents, mechanical damage, plugging, over pressurization or if the product damage results from service by anyone other than Toro Ag or its authorized service centers or used outside the recommendations of the Toro Ag Owner's Manual.

Many plastic compounds are widely known to be susceptible to environmental stress cracking (ESC) and other forms of material degradation. The use of certain substances may accelerate the process of ESC and/or material degradation, and would invalidate any Toro product warranty.

Neither Toro Ag nor Toro Warranty Company is liable for failure of products not manufactured by Toro Ag even though such products may be sold or used in conjunction with Toro Ag products.

Neither Toro Ag nor Toro Warranty Company is liable for indirect, incidental, or consequential damages, including but not limited to vegetation or crop loss during periods of malfunction or resulting non-use.

Neither Toro Ag nor Toro Warranty Company is liable for any loss or damage, including property damage resulting from installer's negligence.

This warranty is the only warranty made by Toro Ag or Toro Warranty Company. It replaces all other express warranties and all implied warranties are disclaimed, including the implied warranties of merchantability and fitness for use.

Under this warranty, the sole remedy is to direct all claims to an authorized Toro Ag dealer.

Within the warranty period stated below, Toro Ag and Toro Warranty Company agree to repair or replace, at their option and without charge, any parts which are found to have original manufacturing defects, provided the product is returned freight pre-paid. If the warranty period is longer than two years and products are replaced under the warranty after the second year, the remaining warranty will be prorated for the remaining warranty period, equal to the ratio between the period that has passed prior to replacement and the full warranty period. Toro Ag and Toro Warranty Company do not warranty any labor, including but not limited to labor on installation or removal.

This warranty gives you specific legal rights and you may have other rights, which vary from state to state.

<b>Warranty Period from date of delivery:</b>	<b>Fittings:</b>
<b>Aqua-Traxx® Drip Tape:</b>	• All .....1 year*
• 4 mil ..... 6 months	<b>Emission Devices:</b>
• 5, 6 & 8 mil ..... 1 year	• All (except NGE®) .....1 year
• 10, 12, 13 & 15 mil ..... 2 years	• NGE® Emitter .....2 years
<b>Neptune® Flat Emitter Dripline:</b>	<b>Controllers:</b>
• 6 & 8 mil ..... 1 year	• All .....5 years
• 10, 13, 15, 18 & 24 mil ..... 2 years	<b>Valves:</b> .....
<b>BlueLine™ Dripline:</b>	• 100, 600, 700 Series ....5 years
• Emitters .....2 years	• Bermad® Valves .....1 year*
• Hose .....5 years	• Air Vents .....1 year*
<b>Drip In® Dripline:</b>	<b>Mazzei Injectors:</b>
• Emitters .....2 years	• Airjection® .....1 year*
• Hose .....5 years	• Chemical Injectors .....1 year*
• with Rootguard .....10 years**	<b>Filters and components:</b>
<b>Blue Stripe® Hose:</b>	• All .....1 year*
• Oval 42 psi .....7 years	<b>All Other Products</b> .....1 year*
• Oval 21 psi .....2 years	
• Micro-Distribution .....7 years	
• Round .....7 years	
<b>All Other Hose:</b> .....1 year*	

\* Products sold by, but not manufactured by Toro Ag are warranted by their respective manufacturers

\*\* Pro-rated warranty for root intrusion by Geoflow Inc.



# Notes

For more product information, visit us at:

**toro.com**

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**Ag Business**

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