

CONDUX

aerial & underground

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equipment & tools



CONDUX

Fishing & Rodding

ISO 9001:2008
CERTIFIED

SAFETY • RELIABILITY • PRODUCTIVITY



CONDUX

DUCT RODDERS & ACCESSORIES

FISHING &
RODDING



Duct Rodders

Condux Duct Rodders combine ease of operation and reliable performance to help increase the efficiency of your rodding operations.

Our Duct Rodder cages have been designed to be lighter weight for easy handling in the field. They feature sturdy construction and a hand-operated wheel brake. They can be used on their side as well as upright. 30" (762 mm) and 45" (1,143 mm) cages come with flotation wheels for added mobility. Cage sizes are matched to suit the rod you order.

End Fittings Included

Condux duct rods come equipped with a threaded end fitting on each end, plus a tapered head on the outward end. Condux offers a number of optional end fitting accessories for additional applications.

Easy to Order

Simply refer to the charts in this section based on the diameter of rod you need. Condux provides 24-hour turnaround on most rodder orders.

All Duct Rodders come standard with a repair kit.



Dozens of rodder accessories (pgs. 28-33) are available to fit your rodding application.



End fittings are included with Condux duct rodders. Vary with rod type ordered. See page 32.



Ready to ship! 24-hour turnaround on most rodders.



Hand-operated wheel brake adds control and safety.

Three Types of Rod

Condux offers three types of duct rod: Cobra®, Python® and Mini-Cobra®. Each has a glass reinforced composite core jacketed in a rugged plastic coating to ensure long life. All three have excellent flexural strength, compressive strength, fatigue resistance, and memory. They also have favorable electrical and thermal properties that make them safe for use in cable-occupied duct. They are suitable for pulling back winch line or small diameter cable.

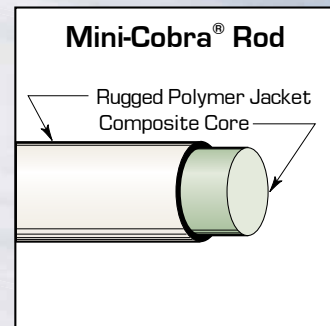
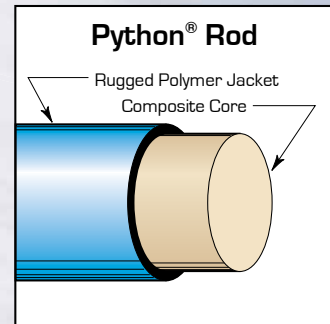
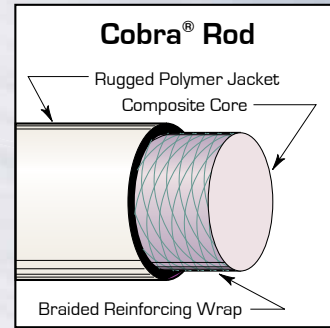
COBRA®: Cobra is our highest quality rod, designed for heavy-duty applications. It gets its extra strength from a unique construction process that ensures greater rigidity and strength, enabling it to endure the additional force required for long duct runs with multiple bends and sweeps. A braided wrap of reinforcing fibers increases its rigidity and helps bond the core with the outer plastic coating. The coating is made from a polymer blend for greater toughness and superior abrasion resistance to ensure extra long life. Includes one male and one female end fitting, and a tapered head.

PYTHON®: Our Python rod is best suited for less demanding applications. It has strength properties similar to our Cobra rod, but is more flexible. Also, like the Cobra, it has a heavy-duty outer plastic coating to resist abrasions and reduce wear. Includes one male and one female end fitting, and a tapered head.

MINI-COBRA®: Our Mini-Cobra rod includes our 3/16" [5 mm] and 1/4" [6 mm] diameter rods used primarily for smaller duct sizes and shorter runs. The rod has the same flexibility and strength features of our Python rod and comes wound in 16" [406 mm] and 24" [610 mm] cages in 50' [25 m] to 600' [200 m] lengths. Includes two male end fittings and two tapered heads.

REPLACEMENT ROD: Replacement rod is available for all Condux Duct Rodders. Please contact Condux Customer Service to place your order. Have your existing duct rodder part number ready to ensure an accurate match. Replacement rod comes with end fittings and tapered heads in a disposable replacement cage.

Replacement accessories listed on pages 28–33.



Conduit Sizes* in (mm)	Recommended Duct Rod Size in (mm)
1/2 (13)	3/16 (5)
3/4 (19)	3/16 (5)
1 (25)	3/16, 1/4 (5, 6)
1 1/4 (32)	3/16, 1/4 (5, 6)
1 1/2 (38)	1/4, 5/16 (6, 8)
2 (51)	1/4, 5/16 (6, 8)
2 1/2 (64)	1/4, 5/16 (6, 8)
3 (76)	5/16, 7/16, 9/16 (8, 11, 13)
3 1/2 (89)	5/16, 7/16, 9/16 (8, 11, 13)
4 (102)	5/16, 7/16, 9/16 (8, 11, 13)
5 (127)	7/16, 9/16 (11, 13)
6 (152)	7/16, 9/16 (11, 13)
8 (203)	9/16 (13)

Duct Rod Specifications

Duct Rod Dia. in (mm)	Duct Rod Pull Strength lbs (N)	Core O.D.** in (mm)	Coating O.D.* in (mm)	Min. Bending Radius in (mm)
3/16 (5)	200 (890)	.125 (3.2)	.187 (4.8)	3 (76)
1/4 (6)	350 (1,557)	.187 (4.8)	.250 (6.3)	5 (127)
5/16 (8)	950 (4,226)	.237 (6.0)	.312 (7.9)	7 (178)
7/16 (11)	950 (4,226)	.300 (7.6)	.437 (11.1)	11 (280)
9/16 (13)	1,400 (6,227)	.375 (9.5)	.500 (13.0)	11 (280)

**Core O.D. Tolerance $\pm .007$ " [.2 mm]; *Coating O.D. Tolerance $\pm .015$ " [.4 mm].



*Conduit sizes based on standard radius bends and should be considered minimums. A larger diameter rod than what is listed is not recommended. Please call your Condux representative for more assistance.



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DUCT RODDERS (U.S. THREADS - USC)

FISHING & RODDING

3/16" Mini-Cobra Rod

#12-24 End Fitting

16" Cage

Part No.	Length (ft)	Replacement Rod No.
08072405	50	08073605
08072410	100	08073610
08072415	150	08073615
08072420	200	08073620
08072425	250	08073625
08072430	300	08073630

1/4" Mini-Cobra Rod

5/16"-18 End Fitting

24" Cage

Part No.	Length (ft)	Replacement Rod No.
08072510	100	08073710
08072515	150	08073715
08072520	200	08073720
08072525	250	08073725
08072530	300	08073730
08072535	350	08073735
08072540	400	08073740
08072545	450	08073745
08072550	500	08073750
08072555	550	08073755
08072560	600	08073760

5/16" Cobra Rod

3/8"-16 End Fitting

30" Cage

Part No.	Length (ft)	Replacement Rod No.
08083720	200	08079120
08083725	250	08079125
08083730	300	08079130
08083735	350	08079135
08083740	400	08079140
08083745	450	08079145
08083750	500	08079150
08083755	550	08079155
08083760	600	08079160
08083765	650	08079165
08083770	700	08079170
08083775	750	08079175
08083780	800	08079180
08083790	900	08079190
08083710	1000	08079110

5/16" Python Rod

3/8"-16 End Fitting

30" Cage

Part No.	Length (ft)	Replacement Rod No.
08084320	200	08082320
08084325	250	08082325
08084330	300	08082330
08084335	350	08082335
08084340	400	08082340
08084345	450	08082345
08084350	500	08082350
08084355	550	08082355
08084360	600	08082360
08084365	650	08082365
08084370	700	08082370
08084375	750	08082375
08084380	800	08082380
08084390	900	08082390
08084310	1000	08082310

FYI

All Duct Rodders come standard with a repair kit.

ORDER CAREFULLY

This item is made-to-order and is not returnable

7/16" Cobra Rod

3/8"-16 End Fitting

45" Cage

Part No.	Length (ft)	Replacement Rod No.
08083820	200	08086320
08083825	250	08086325
08083830	300	08086330
08083835	350	08086335
08083840	400	08086340
08083845	450	08086345
08083850	500	08086350
08083855	550	08086355
08083860	600	08086360
08083865	650	08086365
08083870	700	08086370
08083875	750	08086375
08083880	800	08086380
08083890	900	08086390
08083810	1000	08086310
08083811	1100	08086311
08083812	1200	08086312
08083813	1300	08086313
08083814	1400	08086314
08083815	1500	08086315

7/16" Python Rod

3/8"-16 End Fitting

45" Cage

Part No.	Length (ft)	Replacement Rod No.
08083920	200	08086520
08083925	250	08086525
08083930	300	08086530
08083935	350	08086535
08083940	400	08086540
08083945	450	08086545
08083950	500	08086550
08083955	550	08086555
08083960	600	08086560
08083965	650	08086565
08083970	700	08086570
08083975	750	08086575
08083980	800	08086580
08083990	900	08086590
08083910	1000	08086510
08083911	1100	08086511
08083912	1200	08086512
08083913	1300	08086513
08083914	1400	08086514
08083915	1500	08086515

9/16" Python Rod

3/4"-10 End Fitting

45" Cage

Part No.	Length (ft)	Replacement Rod No.
08083220	200	08075720
08083225	250	08075725
08083230	300	08075730
08083235	350	08075735
08083240	400	08075740
08083245	450	08075745
08083250	500	08075750
08083255	550	08075755
08083260	600	08075760
08083265	650	08075765
08083270	700	08075770
08083275	750	08075775
08083280	800	08075780
08083290	900	08075790
08083210	1000	08075710

5 mm Mini-Cobra Rod		
M5 End Fitting		
406 mm Cage		
Part No.	Length (m)	Replacement Rod No.
08072602	25	08072702
08072605	50	08072705
08072607	75	08072707
08072610	100	08072710

6 mm Mini-Cobra Rod		
M8 End Fitting		
610 mm Cage		
Part No.	Length (m)	Replacement Rod No.
08072802	25	08072902
08072805	50	08072905
08072807	75	08072907
08072810	100	08072910
08072812	125	08072912
08072815	150	08072915
08072817	175	08072917
08072820	200	08072920

8 mm Cobra Rod		
M12 End Fitting		
762 mm Cage		
Part No.	Length (m)	Replacement Rod No.
08073005	50	08073505
08073007	75	08073507
08073010	100	08073510
08073012	125	08073512
08073015	150	08073515
08073017	175	08073517
08073020	200	08073520
08073025	250	08073525
08073030	300	08073530

8 mm Python Rod		
M12 End Fitting		
762 mm Cage		
Part No.	Length (m)	Replacement Rod No.
08075205	50	08076405
08075207	75	08076407
08075210	100	08076410
08075212	125	08076412
08075215	150	08076415
08075217	175	08076417
08075220	200	08076420
08075225	250	08076425
08075230	300	08076430

11 mm Cobra Rod		
M12 End Fitting		
1143 mm Cage		
Part No.	Length (m)	Replacement Rod No.
08077205	50	08077705
08077207	75	08077707
08077210	100	08077710
08077212	125	08077712
08077215	150	08077715
08077217	175	08077717
08077220	200	08077720
08077225	250	08077725
08077230	300	08077730
08077235	350	08077735
08077240	400	08077740
08077245	450	08077745

11 mm Python Rod		
M12 End Fitting		
1143 mm Cage		
Part No.	Length (m)	Replacement Rod No.
08078505	50	08078605
08078507	75	08078607
08078510	100	08078610
08078512	125	08078612
08078515	150	08078615
08078517	175	08078617
08078520	200	08078620
08078525	250	08078625
08078530	300	08078630
08078535	350	08078635
08078540	400	08078640
08078545	450	08078645

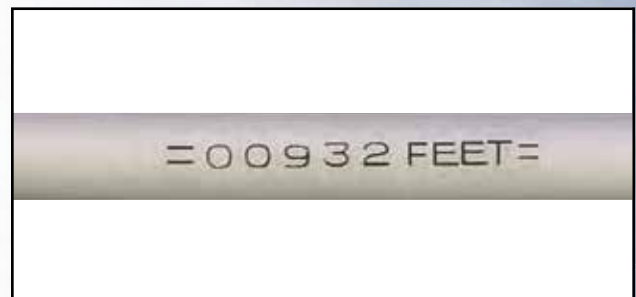
13 mm Python Rod		
M12 End Fitting		
1143 mm Cage		
Part No.	Length (m)	Replacement Rod No.
08078705	50	08079305
08078707	75	08079307
08078710	100	08079310
08078712	125	08079312
08078715	150	08079315
08078717	175	08079317
08078720	200	08079320
08078725	250	08079325
08078730	300	08079330



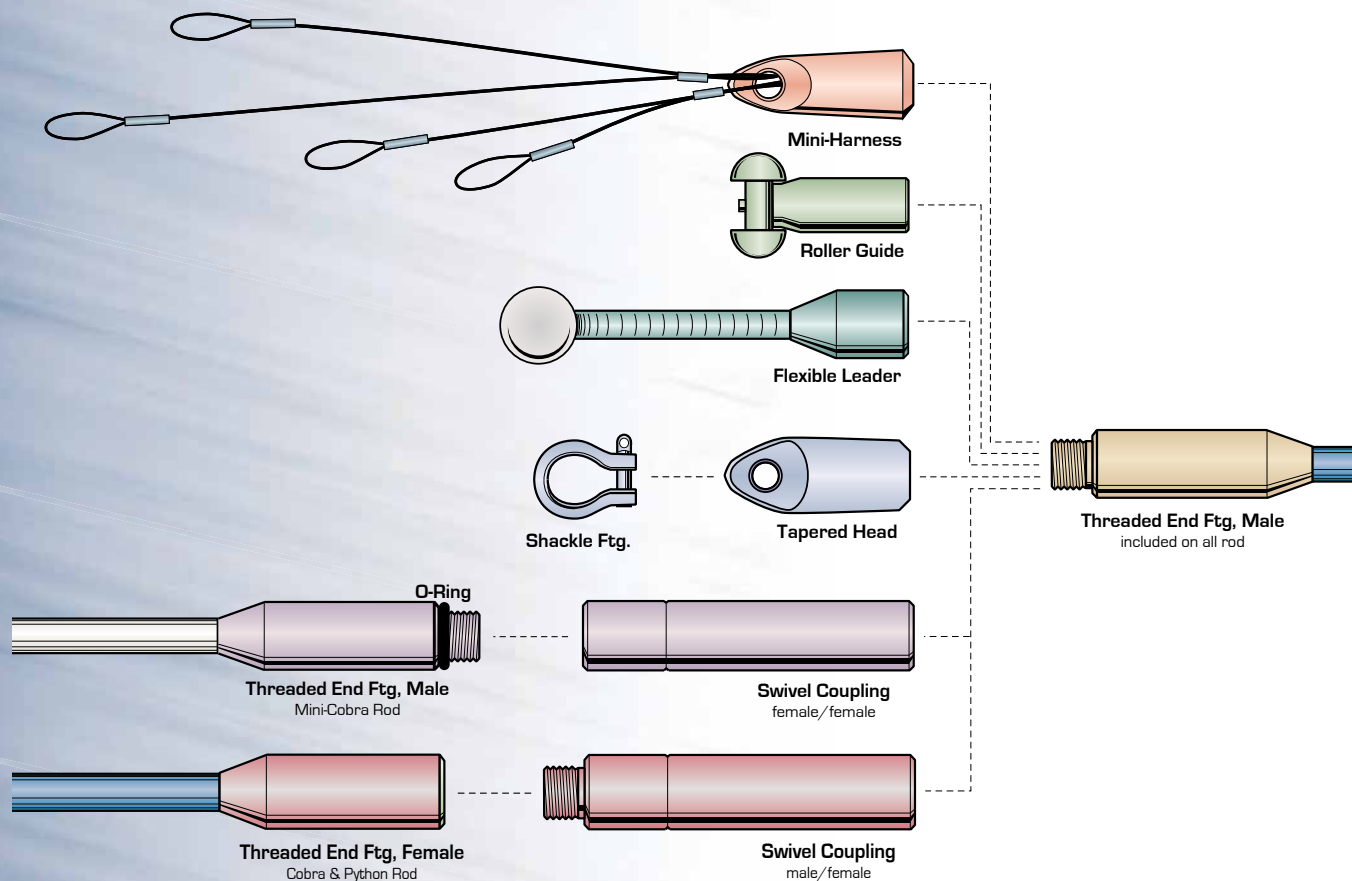
Footage Marks

Footage marks are available on $\frac{5}{16}$ " (8 mm), $\frac{7}{16}$ " (11 mm), and $\frac{9}{16}$ " (13 mm) Cobra and Python duct rod. Order footage marks separately at additional cost. Footage marks are every two feet.

Part Number	Description
08084000	Footage Marks (Feet)



Duct Rodder Accessories



Accessory Kit

Popular accessories available in a convenient bag that attaches to the cage. Kit Includes: Canvas Bag, Roller Guide, Splice Kit, Epoxy, Swivel Coupling, Tapered head, and Threaded End Fittings.

Rod Dia., in (mm)	3/16 (5)*	1/4 (6)*	5/16 (8)	7/16 (11)	9/16 (13)
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
Accessory Kit	08033498	08033499	08033497	08033494	08033488
Metric Thread	M5	M8	M12	M12	M12
Accessory Kit	08033492	08033493	08033496	08033495	08033489

*Kits for 3/16 (5 mm) and 1/4 (6 mm) rod also include a Flexible Leader and O-Rings.

Bag Only 08033490

Mini Harness

Screws onto the threaded end fitting to allow for easy wire attachment when pulling wire into conduit.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
Mini Harness	08033433	08033434	08033435	08033435	08033436
Metric Thread	M5	M8	M12	M12	M12
Mini Harness	08033432	08033431	08033437	08033437	08033437



Roller Guide

Helps guide the duct rod around bends, sweeps, and duct misalignments. Also used when the conduit is already occupied by other cables.

US Duct Rodders Rod Diameter (in)	USC Thread	Roller Guide Part Number	Duct Range I.D. (in)
3/16	#12-24	08037430	.50 - 1.25
1/4	5/16-18	08037440	1.00 - 2.50
5/16	3/8-16	08037460	1.50 - 6.00
5/16	3/8-16	08037401	2.50 - 6.00
7/16	3/8-16	08037401	2.50 - 6.00
9/16	3/4-10	08037400	3.00 - 8.00
Metric Duct Rodders Rod Diameter (mm)	Metric Thread	Roller Guide Part Number	Duct Range I.D. (mm)
(5)	M5	08037428	12.7 - 32
(6)	M8	08037450	25 - 63
(8)	M12	08037405	63 - 152
(11)	M12	08037405	63 - 152
(13)	M12	08037405	76 - 203



5/16" (8 mm) to 9/16" (13 mm)



3/16" (5 mm) to 1/4" (6 mm)

Flexible Leader

Helps guide the duct rod around bends, sweeps, and duct misalignments.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
Flexible Ldr.	08033423	08033443	08037538	08037538	08037534
Metric Thread	M5	M8	M12	M12	M12
Flexible Ldr.	08033448	08033444	08037512	08037512	08037512



3/16" (5 mm) to 1/4" (6 mm)



5/16" (8 mm) to 9/16" (13 mm)



Shackle Fitting

Fits onto Tapered Head to provide a larger pulling loop for attaching the rope or pull line.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
Shackle Fitting	-	-	08031101	08031101	08031100
Metric Thread	M5	M8	M12	M12	M12
Shackle Fitting	-	-	08031101	08031101	08031101



Female/Female



Male/Female

Swivel Coupling

Used to connect two duct rods pushed into the conduit from the same end. Used when one length of duct rod is not long enough for the full conduit run. Also used as a rotating swivel when pulling wire or rope with the Tapered Head or Mini-Harness.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
Female/Female	08033470	08033459	-	-	-
Male/Female	08033422	08033442	08036800	08036800	08036700
Metric Thread	M5	M8	M12	M12	M12
Female/Female	08033429	08033483	-	-	-
Male/Female	08033426	08033485	08036806	08036806	08036806



Sonde Adapter

Couples a locating sonde or other device with an M10 male thread to the male end fitting of the duct rod. Specify sonde, thread and rodder.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
Sonde Adapter	-	08036500	08036503	08036503	08036504
Metric Thread	M5	M8	M12	M12	M12
Sonde Adapter	-	08036505	08036501	08036501	08036501

Custom adapters available upon request.



Repair Kit

Replacement repair kit that comes standard with duct rod. Accessories available in a convenient bag that attaches to the cage.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
Replacement Kit	08035770	08035772	08035774	08035776	08035778

Duct Rodder Replacement Brake Handles

Use Condux Duct Rodder Replacement Brake Handles to replace missing or damaged handles on existing cages.

Part No.	Description
02218300	16" (406 mm) Duct Rodder Replacement Brake Handle
08081547	24" (610 mm) Duct Rodder Replacement Brake Handle
08081547	30" (762 mm) Duct Rodder Replacement Brake Handle
08081567	45" (1,143 mm) Duct Rodder Replacement Brake Handle



Duct Rodder Replacement Cages

Use Condux Duct Rodder Replacement Cages to update older cages or to replace damaged cages. Fits all major manufacturers' fiberglass rods.

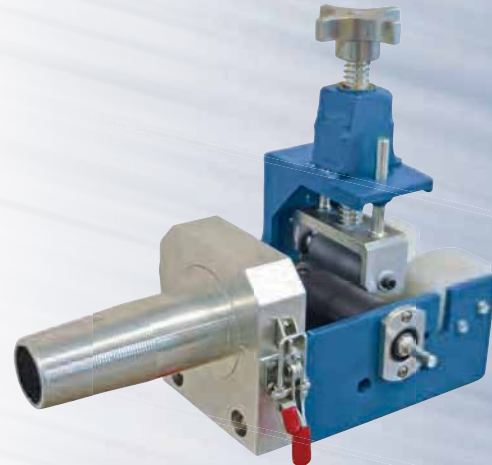
Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
Replacement Cage	08081516	08081524	08081530	08081550	08081550
Cage Diameter	16" (406)	24" (610)	30" (762)	45" (1,143)	45" (1,143)



Duct Rod Pusher

The Condux Rod Pusher, which has been designed for the purpose of installing duct rod into conduit. The conduit must previously have been installed underground or overhead to receive the duct rod and must be of sufficient length on exit to be received by the machine. The duct rod is continuously pushed into the conduit by a roller drive powered by a cordless, corded or pneumatic drill. A clamp located in front of the entrance to the unit holds the conduit mechanically to prevent it from moving axially.

Part Number	Description
08081301	Duct Rod Pusher



Split Threaded Adapter Part No.	Duct Size (in)	Duct I.D. Range
08201108	.75	0.83 - 1.00
08201110	1	0.90 - 1.13
08201112	1.25	1.25 - 1.40
08201115	1.5	1.40 - 1.65
08201020	2	1.91 - 2.10
08201025	2.5	2.29 - 2.47
08201030	3	2.83 - 3.10
08201041	4	3.80 - 4.06
08201051	5	4.71 - 5.08
08201061	6	5.61 - 6.10



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DUCT RODDER ACCESSORIES

Female End Fitting



Male End Fitting



FYI
Don't forget to order the Epoxy.

Replacement/Repair Accessories

Threaded End Fittings

Use as a replacement to the factory installed end fittings if the end fitting breaks off or if the duct rod breaks close to the end of the rod. Installation instructions are included with the end fittings. Epoxy is required for installation and is ordered separately.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
Male	08033420	08033440	08036307	08036303	08036005
Female	-	-	08036306	08036304	08036006
Metric Thread	M5	M8	M12	M12	M12
Male	08033487	08033486	08036318	08036319	08036316
Female	-	-	08036317	08036314	08036315

Splice Kit

Use to repair the duct rod if it breaks. Kit includes: Splice Tube, Epoxy and installation instructions.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
Splice Kit	08033457	08033465	08035753	08035751	08035752
Splice Tube Only	08033455	08033463	08035703	08035701	08035702

Epoxy

Use with End Fittings or Splice Tubes to repair Duct Rodders.

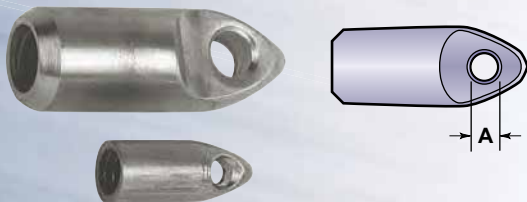
Part Number	Description
08035851	Single pack for replacing end fittings
08035852	Double pack for splice tubes



Tapered Head

Attaches to the end fitting on the duct rod. Guides duct rod through the conduit and allows a pull line (diameter A) to be attached to the duct rod. Comes standard with each of the duct rodders.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
Tapered Head	08033421	08033441	08038400	08038400	08038300
Diameter A	.156 (4)	.156 (4)	.281 (7)	.281 (7)	.343 (9)
Metric Thread	M5	M8	M12	M12	M12
Tapered Head	08033410	08033480	08038301	08038301	08038301
Diameter A	.156 (4)	.156 (4)	.281 (7)	.281 (7)	.281 (7)



O-Rings

Used to help keep accessories on the end fitting while rodding. Comes standard with the Mini-Cobra rodders.

Rod Dia., in (mm)	3/16 (5)	1/4 (6)	5/16 (8)	7/16 (11)	9/16 (13)
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
O-Rings	02163600	02215000	-	-	-
Metric Thread	M5	M8	M12	M12	M12
O-Rings	02163600	02215000	-	-	-



Fiberglass Hand Rods

Screw together fiberglass duct rods for straight runs. All rods equipped with $\frac{3}{4}$ "-10 end fittings, which work with $\frac{3}{4}$ "-10 duct rod accessories (see pgs. 40-45). 2,500 lbs. (11,120 N) pull rating.

Part Number	Size (in x ft)	(mm x m)
08032026	$\frac{5}{8}$ x 5	16 x 1.5
08032022	$\frac{5}{8}$ x 10	16 x 3

Replacement Brass Hand Rod End Fittings

Requires Epoxy: 08035851

Part Number	Size/Type in (mm)
08036157	$\frac{3}{4}$ "-10 male end for $\frac{5}{8}$ " (16 mm) rod
08036156	$\frac{3}{4}$ "-10 female end for $\frac{5}{8}$ " (16 mm) rod



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RODDING



Basket Combination

Used to connect two hand rods pushed into the conduit from opposite ends of the conduit run. Both rods can then be pulled out in one direction. Used instead of a swivel coupling when the full length of the rod is difficult to push from one end. Works in 4" (102 mm) or larger conduit only. Does not negotiate tight bends.

Rod Dia., in (mm)	$\frac{3}{16}$ (5)	$\frac{1}{4}$ (6)	$\frac{5}{16}$ (8)	$\frac{7}{16}$ (11)	$\frac{9}{16}$ (13)
USC Thread	#12-24	$\frac{5}{16}$ -18	$\frac{3}{8}$ -16	$\frac{3}{8}$ -16	$\frac{3}{4}$ -10
Basket Comb.	-	-	08031400	08031400	08031300
Metric Thread	M5	M8	M12	M12	M12
Basket Comb.	-	-	08033700	08033700	08033700





CONDEX

LOW PRESSURE SEAL-OFFS

FISHING & RODDING



Universal Seal-Off Control Valve

The Universal Seal-Off Control Valve Body is used with the Innerduct Seal-Off, Conduit Seal-Off, and Double Seal-Off. Use the interchangeable heads for the style and size you need. Comes equipped with an air flow valve and a universal hose coupling for attachment to most compressors. $\frac{3}{16}$ " [5 mm] rope adapter included.

Part Number	Description
08032165	Seal-Off control valve body

FYI

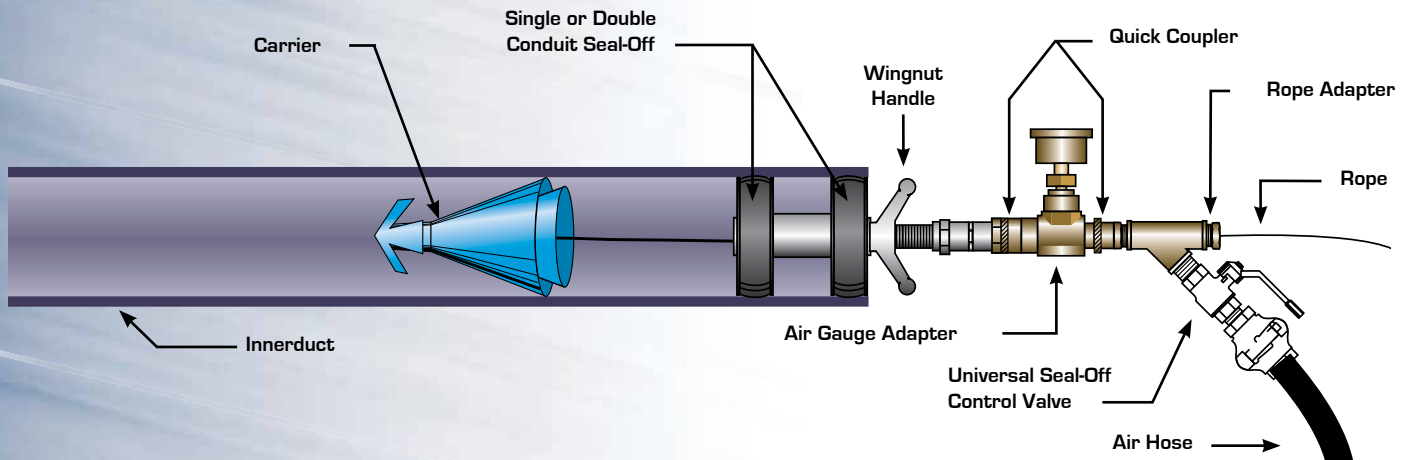
15 psi Max Pressure.



Air Gauge Adapter

The Air Gauge Adapter is used for monitoring air pressure on the Innerduct Seal-off, Conduit Seal-off, and Double Seal-off. (do not exceed 15 PSI)

Part Number	Description
08032175	Air Gauge Adapter

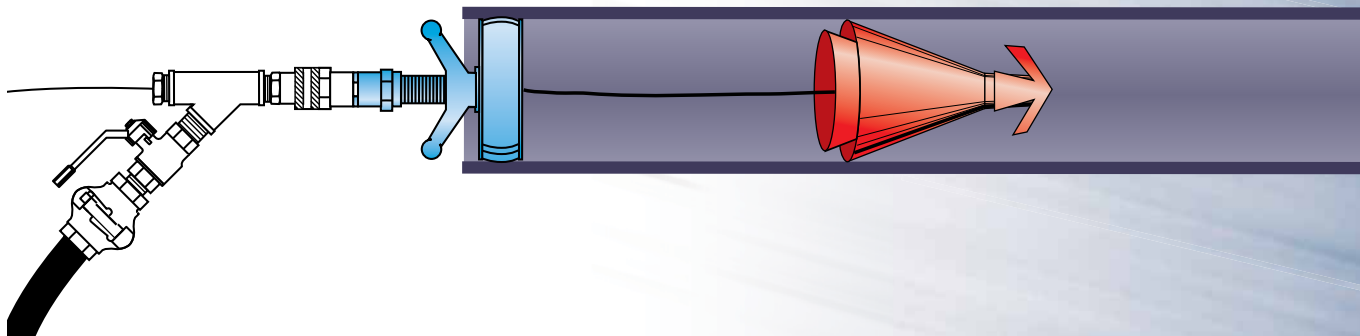


Individual Innerduct Seal-Offs

Part Number	Description	Nominal Duct Size		Innerduct I.D. Range	
		(in)	(mm)	(in)	(mm)
08034321	$\frac{3}{4}$ " Quick Innerduct Seal-Off	$\frac{3}{4}$	19	.72-.94	19-24
08034315	1" Quick Innerduct Seal-Off	1	25	.93-1.19	24-30
08034316	1 $\frac{1}{4}$ " Quick Innerduct Seal-Off	1 $\frac{1}{4}$	32	1.18-1.44	30-37
08034317	1 $\frac{1}{2}$ " Quick Innerduct Seal-Off	1 $\frac{1}{2}$	38	1.31-1.69	33-43
08034318	2" Quick Innerduct Seal-Off	2	51	1.93-2.31	49-59

Compressor Seal-Offs

Universal duct seal-off for blowing projectiles and line carriers [see pgs. 40-41] through the duct using an external air compressor. **Order Seal-Off Body, Control Valve and Seal-Off Heads separately.**



Individual Conduit Seal-Offs

Part Number	Description	Nominal Duct Size		Duct I.D. Range	
		(in)	(mm)	(in)	(mm)
08032900	2" Quick Conduit Seal-Off	2	51	1.93-2.36	49-60
08032905	2½" Quick Conduit Seal-Off	2½	63	2.40-2.76	61-70
08032910	3" Quick Conduit Seal-Off	3	76	2.87-3.31	73-84
08032915	3½" Quick Conduit Seal-Off	3½	89	3.50-3.75	89-95
08032920	4" Quick Conduit Seal-Off	4	102	3.54-4.25	90-108
08032925	5" Quick Conduit Seal-Off	5	127	4.72-5.37	120-136
08032930	6" Quick Conduit Seal-Off	6	152	5.50-6.29	140-160
08032935	8" Quick Conduit Seal-Off	8	203	7.83-8.27	199-210



Individual Double Seal-Offs

Part Number	Description	Nominal Duct Size		Duct I.D. Range	
		(in)	(mm)	(in)	(mm)
08032940	2" Quick Double Seal-Off	2	51	1.93-2.36	49-60
08032945	2½" Quick Double Seal-Off	2½	63	2.40-2.76	61-70
08032950	3" Quick Double Seal-Off	3	76	2.87-3.31	73-84
08032955	3½" Quick Double Seal-Off	3½	89	3.50-3.75	89-95
08032960	4" Quick Double Seal-Off	4	102	3.54-4.25	90-108
08032965	5" Quick Double Seal-Off	5	127	4.72-5.37	120-136
08032970	6" Quick Double Seal-Off	6	152	5.50-6.29	140-160
08032975	8" Quick Double Seal-Off	8	203	7.83-8.27	199-210





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LOW PRESSURE SEAL-OFFS

FISHING &
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Rope Adapter Kit

Allows a wider range of rope diameters to be used with the Innerduct and Compressor seal-offs. Adapters specific for $\frac{3}{16}$ " (5 mm), $\frac{1}{4}$ " (6 mm), $\frac{3}{8}$ " (10 mm) diameter ropes provide optimum seal-off performance.

Part Number	Description
08032181	Adapter Kit for Conduit Seal-Offs
08032190	$\frac{3}{16}$ " (5 mm) Rope Adapter
08032191	$\frac{1}{4}$ " (6 mm) Rope Adapter
08032170	$\frac{3}{8}$ " (10 mm) Rope Adapter



Replacement Seals for Compressor Seal-Offs

Part Number	Nominal Duct Size	
	(in)	(mm)
08082121	2	51
08082126	2½	63
08082131	3	76
08082136	3½	89
08082141	4	102
08082151	5	127
08082161	6	152



Order individual innerduct seal-offs on page 34.

Innerduct Seal-Off Case

Inserts into the innerduct and twists tight for seal. Comes standard with Universal control valve, $\frac{3}{16}$ " (5 mm) Rope Adapter, and case. Seal-offs sold separately.

Part No.	Description
08032984	Universal Control Valve & Case (Innerduct)



Replacement Handle for Single & Double Seal-offs

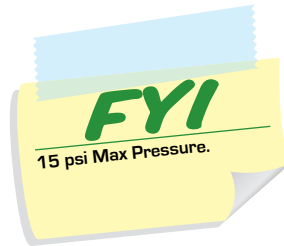
Use to replace missing or damaged handles for Individual Conduit Seal-offs or Individual Double Seal-offs.

Part No.	Description
08032179	Replacement Handle for Single and Double Seal-offs

Conduit Seal-Off Case

Locks into duct with a turn of the wing-nut handle, compressing rubber ring for a better seal. Comes standard with Universal control valve, $\frac{3}{16}$ " [5 mm] Rope Adapter, and case. Seal-offs sold separately.

Part No.	Description
08032980	Universal Control Valve & Case (Single Conduit)



Order individual conduit seal-offs on page 35.

FISHING & RODDING

Double Seal-Off Case

Locks into duct with a turn of the wing-nut handle, compressing both rubber rings for a better seal. Comes standard with Universal control valve, $\frac{3}{16}$ " [5 mm] Rope Adapter, and case. Seal-offs sold separately.

Part No.	Description
08032983	Universal Control Valve & Case (Double Conduit)



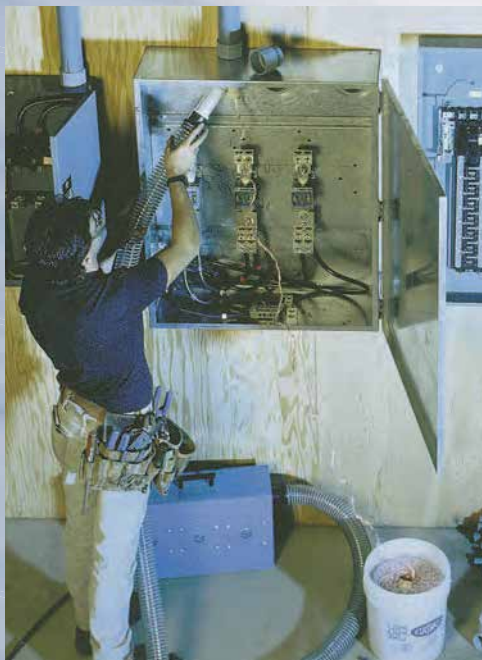
Order individual double seal-offs on page 35.



POWER DART BLOWER

CONDEX

FISHING &
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Foam Carrier Options

Part Number	Description
08078200	1/2" (13 mm) Foam Carrier
08078300	3/4" (19 mm) Foam Carrier
08032200	1" (25 mm) Foam Carrier
08033600	30 mm Foam Carrier
08032300	1 1/4" (32 mm) Foam Carrier
08039800	1 1/2" (38 mm) Foam Carrier
08033500	45 mm Foam Carrier
08032400	2" (51 mm) Foam Carrier
08033800	60 mm Foam Carrier
08078400	2 1/2" (64 mm) Foam Carrier
08032500	3" (76 mm) Foam Carrier
08033900	80 mm Foam Carrier
08032100	3 1/2" (89 mm) Foam Carrier
08032600	4" (102 mm) Foam Carrier
08059100	5" (127 mm) Foam Carrier
08059200	6" (152 mm) Foam Carrier

Cable Chute Line Carrier Options (See pg 40 for additional sizes)

Part Number	Description
08033520	Carrier, Chute 1.25 Nylon
08033532	Carrier, Chute 2.00 Nylon
08033548	Carrier, Chute 3.00 Nylon
08033564	Carrier, Chute 4.00 Nylon
08033596	Carrier, Chute 6.00 Nylon



Power Dart® Blower

The Power Dart® Blower is a pneumatic rodding system especially suited for long duct runs. A three-motor system allows you to choose the right speed for your needs. With all three motors engaged, the Power Dart Blower will deliver up to 300 cfm (8.5 m³/min) of air at 3 psi (.2 bar) max. pressure, easily blowing 1/2" (13 mm) poly line or measuring tape over 2,000 feet (610 m) in conduit up to 6 inches (152 mm) in diameter. Weighs only 31 pounds (14 kg) and operates at 110 Volts. 110 Volt model includes a 30 amp twist plug. **Requires a 3,000 Watt generator.**

Base Part No.	Description
08030003	110V Power Dart Blower

(Includes: 110V Power Dart Blower Unit, Hose, Body Seal-Off & Seal-Offs for 1/2" - 6" (13 mm-152 mm) Conduit
Carriers not included.

Bag Option

Part Number	Description
08030060	Power dart blower accessory bag

Carrier Kit Option

Part Number	Description
08030011	Carrier Kit for Power Dart Blower

Line Carrier Options

Part Number	Description
08067900	2" (51 mm) Line Carrier
08030100	3" (76 mm) Line Carrier
08030200	3 1/2" (89 mm) Line Carrier
08030300	4" (102 mm) Line Carrier
08030400	5" (127 mm) Line Carrier
08030500	6" (152 mm) Line Carrier



Duct Projectile Options

Part Number	Description
08031812	1 1/4" (32 mm) Duct Projectile
08031814	1 3/8" (35 mm) Duct Projectile
08031815	1 1/2" (38 mm) Duct Projectile
08031816	1 5/8" (41 mm) Duct Projectile
08031820	2" (51 mm) Duct Projectile
08031822	2 1/4" (57 mm) Duct Projectile
08031825	2 1/2" (64 mm) Duct Projectile
08031830	3" (76 mm) Duct Projectile
08031835	3 1/2" (89 mm) Duct Projectile
08031840	4" (102 mm) Duct Projectile
08031844	4 1/4" (108 mm) Duct Projectile
08031846	4 1/2" (114 mm) Duct Projectile
08031850	5" (127 mm) Duct Projectile
08031860	6" (152 mm) Duct Projectile
08031880	8" (203 mm) Duct Projectile



Replacement Accessories

Power Dart Blower Seal-Off

Part Number	Duct Size	
	(in)	(mm)
08039700*	1/2-1 1/4	13-32
08066800	1 1/2-2 1/2	38-64
08039500	2 1/2-6	64-152

*Requires Part Number 08066800 to work.

Power Dart Blower Seal-Off Handle

Part Number	Duct Size	
	(in)	(mm)
08039400	1/2-6	13-152

Power Dart Hose

Part Number	Description
08039300	25' (7.6 m) x 2 1/2" (64 mm) heavy duty hose
08039301	Replacement hose end fitting
08039302	Outlet Fitting on the power dart blower box



Power Dart Blower Accessory Bag

Convenient canvas bag holds power dart hose. Inner bag holds Line Carriers, Foam Carriers, Seal-Off Body and Seal-Offs.

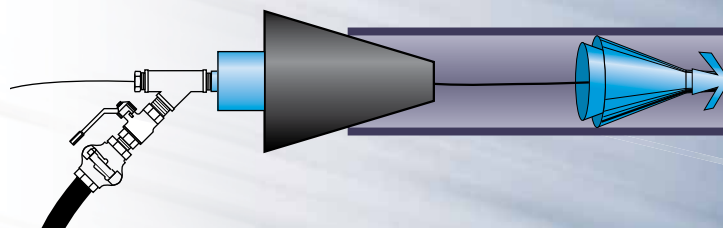
Part Number	Description
08030060	Power dart blower accessory bag



Quick Connect Seal-Off Control Valve

The Quick Connect Seal-Off Control Valve is used to connect the Power Dart Blower Seal-Offs to a standard air compressor claw fitting. Comes equipped with an air flow valve and a universal hose coupling for attachment to most compressors. 3/16" (5 mm) rope adapter included. See page 36 for other rope adapters available.

Part Number	Description
08032185	Quick connect seal-off control valve





Foam Carrier

Lightweight carrier easily blows through duct. Best suited for short runs and runs with multiple bends.

Part Number	Duct Size		Max O.D.	
	(in)	(mm)	(in)	(mm)
08078200	1/2	13	.50	13
08078300	3/4	19	.75	19
08032200	1	25	1.00	25
08032300	1 1/4	32	1.25	32
08039800	1 1/2	38	1.50	38
08033500		45		45
08032400	2	51	2.00	51
08033800		60		60
08078400	2 1/2	64	2.50	64
08032500	3	76	3.00	76
08033900		80		80
08032100	3 1/2	89	3.50	89
08032600	4	102	4.00	102
08059100	5	127	5.00	127
08059200	6	152	6.00	152



Line Carriers

Fast and efficient plastic carriers for fishing with high-speed blowers even in out-of-round duct. Carrier will travel over minor obstructions in duct.

Part Number	Duct Size		Max O.D.	
	(in)	(mm)	(in)	(mm)
08067900	2	51	2.06	52
08030100	3	76	3.06	78
08030200	3 1/2	89	3.56	90
08030300	4	102	4.06	103
08030400	5	127	5.06	129
08030500	6	152	6.06	154



Cable Chute Line Carriers

Condux Cable Chute Line Carriers are designed to pass through conduit without damaging the conduit or existing cable. To use a Cable Chute Line Carrier you would tie a line or webbing to a Chute, insert the Chute into the Conduit or duct, and blow compressed air propelling the Chute to the end of the duct.

All Cable Chute Line Carriers are made with the highest quality fabrics (nylon or leather) and attention to detail. All products are hand made and go through a series of quality checks prior to being shipped out.

Part Number	Description
08033512	Carrier, Chute 0.75 Nylon
08033516	Carrier, Chute 1.00 Nylon
08033520	Carrier, Chute 1.25 Nylon
08033524	Carrier, Chute 1.50 Nylon
08033532	Carrier, Chute 2.00 Nylon
08033548	Carrier, Chute 3.00 Nylon
08033564	Carrier, Chute 4.00 Nylon
08033580	Carrier, Chute 5.00 Nylon
08033596	Carrier, Chute 6.00 Nylon
08033648	Carrier, Chute 3.00 Nylon w/Spring
08033664	Carrier, Chute 4.00 Nylon w/Spring
08033680	Carrier, Chute 5.00 Nylon w/Spring
08033696	Carrier, Chute 6.00 Nylon w/Spring
08033732	Carrier, Chute 2.00 Leather
08033748	Carrier, Chute 3.00 Leather
08033764	Carrier, Chute 4.00 Leather
08033796	Carrier, Chute 6.00 Leather

Advantages of using Cable Chute Line Carriers over other carriers:

- No damage to cable or conduit
- Eliminates need for duct rodding
- Durable and flexible
- Quick and easy installation
- Cost effective

Duct Projectile

Flexible rubber cones are durable for many repeated uses. Fast and efficient for long runs with easy pull-back.

Part Number	Duct Size		Max O.D.	
	(in)	(mm)	(in)	(mm)
08031812	1¼	32	1.25	32
08031814	1⅝	35	1.37	35
08031815	1½	38	1.50	38
08031816	1⅞	41	1.62	41
08031820	2	51	2.00	51
08031822	2¼	56	2.20	56
08031825	2½	64	2.50	64
08031830	3	76	3.00	76
08031835	3½	89	3.50	89
08031840	4	102	4.00	102
08031844	4¼	108	4.25	108
08031846	4½	115	4.51	115
08031850	5	127	5.00	127
08031860	6	152	6.00	152
08031880	8	203	8.00	203



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Replacement Cones For Duct Projectile

Original equipment replacement cones.

Part Number	Duct Size		Max O.D.	
	(in)	(mm)	(in)	(mm)
08031805	1¼	32	1.25	32
08031803	1⅝	35	1.38	35
08031806	1½	38	1.50	38
08031804	1⅞	41	1.63	41
08031819	2	51	2.00	51
08031821	2¼	56	2.20	56
08031826	2½	64	2.50	64
08031831	3	76	3.00	76
08031802	3½	89	3.50	89
08031841	4	102	4.00	102
08031801	4¼	108	4.25	108
08031847	4½	115	4.51	115
08031851	5	127	5.00	127
08031861	6	152	6.00	152
08031881	8	203	8.00	203

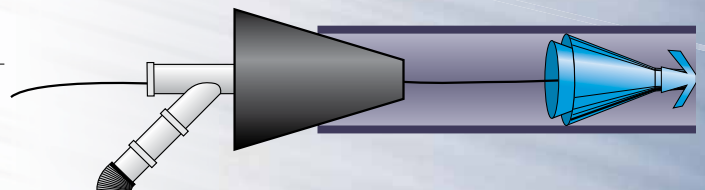


Carrier Kit For Power Dart Blowers

A convenient way to order a practical assortment of carriers and seal-off products for use with the Power Dart Blower or other applications. Kit includes the following:

Item	Duct Size	
	(in)	(mm)
Power Dart Blower Seal-Off	1½-2½	38-64
Power Dart Blower Seal-Off	2½-6	64-152
Power Dart Blower Seal-Off Body	½-6	13-152
Line Carrier	2	51
Line Carrier	4	102
Carrier, Chute 2.00 Nylon	2	51
Carrier, Chute 3.00 Nylon	3	76
Carrier, Chute 4.00 Nylon	4	102
Duct Projectile	2	51
Duct Projectile	4	102

Part Number	Description
08030011	Carrier Kit for Power Dart Blowers





CONDUX

WINCH LINE BLOWER

FISHING &
RODDING

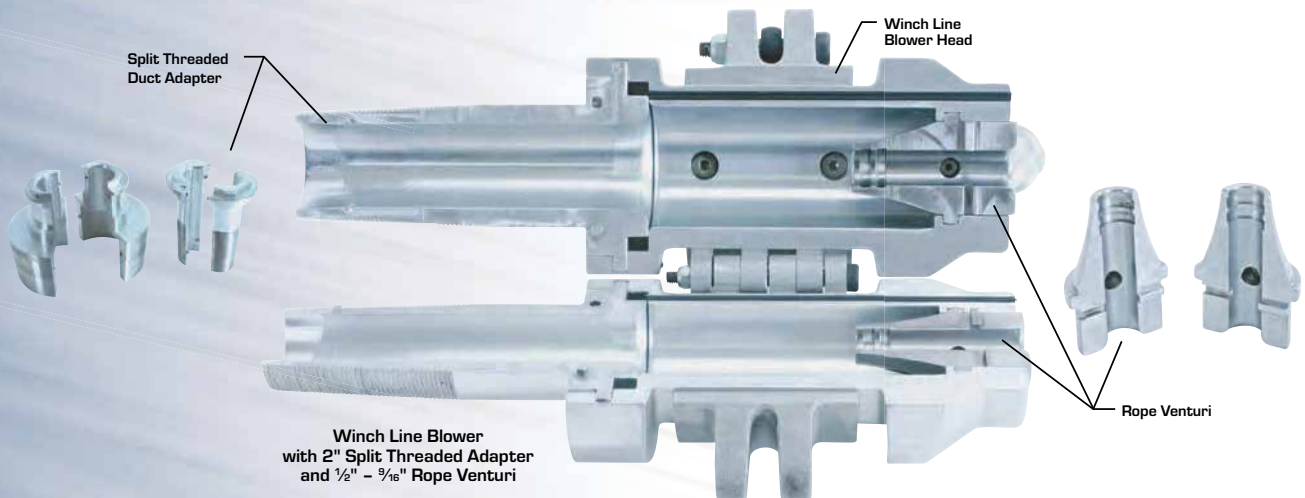


The Condux Winch Line Blower

Is a method of installing winch line in Conduit. It turns the job of pulling winch line into one easy step. Eliminating the need to blow a string and pull back a rope.

Using compressed air, 90 psi and 100 cfm, the winch line blower can propel steel winch line, rope or tape in conduit from 1" to 6" in diameter.

Installation is easy. No special tools are required. Follow the steps called out on page 43.



Split Threaded Adapter Part No.	Duct Size (in)	Duct I.D. Range	Rope Venturi			Conduit Carrier
			1/4 - 3/8 (in)	1/2 - 9/16 (in)	7/8 (in)	
08201108	.75	0.83 - 1.00	08201089	08201086	08201090	Call Factory
08201110	1	0.90 - 1.13	08201089	08201086	08201090	Call Factory
08201112	1.25	1.25 - 1.40	08201089	08201086	08201090	Call Factory
08201115	1.5	1.40 - 1.65	08201089	08201086	08201090	Call Factory
08201020	2	1.91 - 2.10	08201089	08201086	08201090	08202020
08201025	2.5	2.29 - 2.47	08201089	08201086	08201090	08202520
08201030	3	2.83 - 3.10	08201089	08201086	08201090	08202920
08201041	4	3.80 - 4.06	08201089	08201086	08201090	08203920
08201051	5	4.71 - 5.08	08201089	08201086	08201090	08204920
08201061	6	5.61 - 6.10	08201089	08201086	08201090	08205920



WINCH LINE & ROPE INSTALLATION



Attach winch line to carrier and insert carrier into pipe.



Install the winch line in the conduit and thread adapter into conduit.



Place the winch line in the main blower body and select the proper venturi.



Complete the assembly, attach compressed air hose and blow in winch line.

PULLING TAPE INSTALLATION



Install pulling tape into winch blower through $\frac{1}{16}$ " tape adapter.



Attach pulling tape to carrier and insert carrier into pipe.



Install threaded adapter into conduit and assemble split winch line blower body.



Complete the assembly and blow in tape.



CONDEX

WINCH LINE BLOWER

FISHING &
RODDING



Body

Part No.	Description
08201080	Winch Line Body Assembly 2-6in (body includes 1/2 - 9/16 venturi set)

Venturis

Part No.	Description
08201089	Venturi, Winch Line 1/4 - 5/8 set
08201086 *	Venturi, Winch Line 1/2 - 9/16 set
08201090	Venturi, Winch Line 5/8 set
* Comes standard.	

Plug

Part No.	Description
08780223	Plug, Venturi Air LW FO Blower (Used to seal off back to blow in mule tape or pea line)

Hose & Valve

Part No.	Description
08201015	Hose Valve Assembly-Winch Line

Adapters

Part No.	Description
08201108	Winch Line Duct Adapter .75 in
08201110	Winch Line Duct Adapter 1 in
08201112	Winch Line Duct Adapter 1.25 in
08201115	Winch Line Duct Adapter 1.5 in
08201020	Winch Line Duct Adapter 2 in
08201025	Winch Line Duct Adapter 2 1/2 in
08201030	Winch Line Duct Adapter 3 in
08201041	Winch Line Duct Adapter 4 in
08201051	Winch Line Duct Adapter 5 in
08201061	Winch Line Duct Adapter 6 in

Carriers

Part No.	Description
08202020	Carrier, Winch Line 2 S40&80, TC6
08202520	Carrier, Winch Line 2 1/2 S40&80
08202920	Carrier, Winch Line 3 SCH 40&80
08203020	Carrier, Winch Line 3 S40, TC6&8
08203920	Carrier, Winch Line 4 S40&80, TEL
08204020	Carrier, Winch Line 4 S40, TEL
08204920	Carrier, Winch Line 5 SCH 40&80
08205020	Carrier, Winch Line 5 S40, TC6&8
08205920	Carrier, Winch Line 6 SCH 40&80
08206020	Carrier, Winch Line 6 S40, TC6&8

FYI

Will not work in steel
conduit.

Rope Adapter

Rope Adapter

08201091

Storage Case

Storage Case

08201093



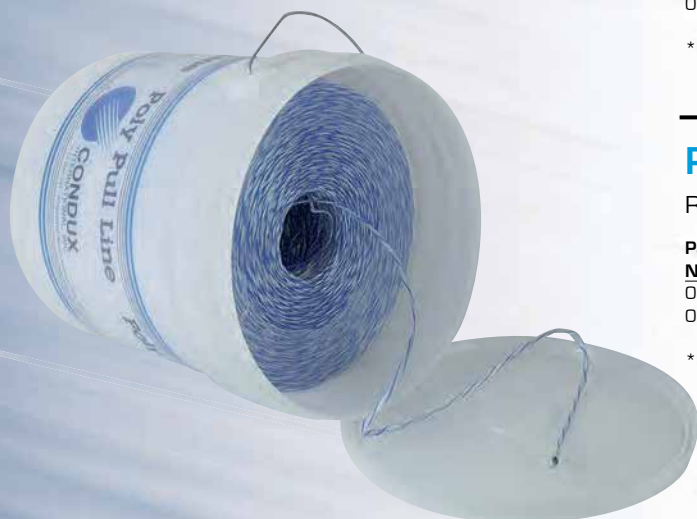
FISHING &
RODDING

The Condux GRC to PVC Coupling

An accessory for the Condux Split Winch Line Blower. Adapt your threaded GRC pipe to PVC so you can use the Condux Winch Line Blower to blow in your hardline, rope or tape.

Part No.	Description
08201620	2" GRC to PVC Coupling
08201640	4" GRC to PVC Coupling
08201650	5" GRC to PVC Coupling
08201660	6" GRC to PVC Coupling





Poly Line Pail

Line attaches to the back of a foam carrier, inflatable carrier, or line carrier and is used to pull back a rope. Packaged in a weather-proof, reusable plastic bucket with lid.

Part Number	Break Strength		Length	
	(lbs)	(N)	(ft)	(m)
08561285*	200	890	6,500	1,981
08561297*	450	2,002	2,500	762

*Pallet quantities of 48 available.

Poly Line Replacement String

Replacement string refills.

Part Number	Break Strength		Length	
	(lbs)	(N)	(ft)	(m)
08561284*	200	890	6,500	1,981
08561299*	450	2,002	2,500	762

*Pallet quantities of 80 available.



Double-Braided Cable Pulling Rope

Premium quality rope recommended for cable pulling. Complete with spliced eye on each end. Double-braided construction offers high working loads and tensile strength without kinking. Other sizes available. Contact factory for additional rope specifications.

Part Number	Dia.		Length		Standard Tensile		Recommended Working Load	
	(in)	(mm)	(ft)	(m)	(lbs)	(N)	5:1	
08091003	0.50	13	300	91	10,400	46,262	1,760	7,829
08091006	0.50	13	600	183	10,400	46,262	1,760	7,829
08091012	0.50	13	1,200	366	10,400	46,262	1,760	7,829
08090903	0.63	16	300	91	16,300	72,506	2,780	12,366
08090906	0.63	16	600	183	16,300	72,506	2,780	12,366
08090912	0.63	16	1,200	366	16,300	72,506	2,780	12,366
08091103	0.88	22	300	91	29,900	133,002	5,080	22,597
08091106	0.88	22	600	183	29,900	133,002	5,080	22,597
08091112	0.88	22	1,200	366	29,900	133,002	5,080	22,597



FISHING & RODDING



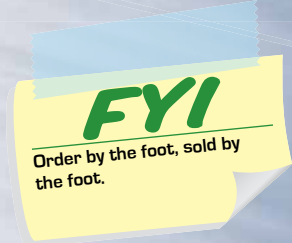
Plasma 12 Strand Pulling Rope

Plasma 12 strand is the highest strength synthetic rope available. Plasma 12 strand is manufactured from Honeywell Spectra Fiber that has been enhanced by a patented recrystallization process. This process is especially effective in medium to large diameter ropes where strengths are over 50% higher and creep is significantly less than that of standard Spectra 12 strand.

Plasma 12 strand comes standard with polyurethane finish and is easily spliced using a simple lockstitch type splice, 4-3-2 or 5-4-3 tuck splice. Its soft, torque free braided construction provides easy handling.

Part Number	Nominal Dia.		Size Number	Approximate Weight		Minimum Tensile Strength	
	(in)	(mm)		(lbs/100 ft)	(Kg/100m)	(lbs)	(kN)
08092005	0.25	6	3/4	1.5	2.4	8,000	35.6
08092010	0.31	8	1 1/16	2.5	3.7	11,700	52
08092015	0.37	9	1 1/8	3.7	5.5	17,500	77.8
08092020	0.43	11	1 1/4	4.2	6.3	21,000	93.4
08092025	0.50	12	1 1/2	6.4	9.5	31,300	139.2
08092030	0.56	14	1 3/4	7.9	11.8	37,900	168.6
08092035	0.62	16	2	10.6	15.8	51,400	228.6
08092040	0.75	18	2 1/4	13.3	19.8	68,500	304.7
08092045	0.87	22	2 3/4	19.6	29.2	92,600	411.9
08092050	1.00	24	3	23.4	34.8	110,000	489.3
08092055	1.12	28	3 1/2	31.9	47.5	147,000	653.9
08092060	1.25	30	3 3/4	36.2	53.9	165,000	734
08092065	1.50	36	4 1/2	51.7	76.9	221,000	983.1

Tensile Strengths are determined in accordance with Cordage Institute 1500, Test methods for Fiber Rope. Weights are calculated at linear density under standard preload (200d2).



Pulling Tape

A flat woven replacement to 1/4" Polypropylene rope that provides a lower coefficient of friction due to its flat woven design. Drastically reduces the chance of burn through that is associated with ropes, and has an elongation of less than 10% compared to Polypropylene rope which is 25%+. Not available printed. Other lengths available.

Part Number	Break Strength		Approx. Width		Length	
	(lbs)	(N)	(in)	(mm)	(ft)	(m)
08099703	1,130	5,026	1/2	13	3,000	914





CONDEX

MEASURING & PULL TAPE

FISHING &
RODDING



Conduit Measuring & Pull Tape, Polyester

For pulling fiber optic or coaxial cable through innerduct or for determining exact wall-to-wall measurements in duct runs. Other strengths and lengths are available.

Polyester Tape, Unidirectional*

Used for determining exact wall-to-wall measurements in duct runs or as a low cost blow string.

Part Number	Break Strength		Approx Width		Length	
	(lbs)	(N)	(in)	(mm)	(ft)	(m)
08073900	130	578	3/16	5	3,000	914

*Pallet quantities of 48 available.

Polyester Woven Pre-Lubed Tape

Recommended pulling tape for fiber optic and coaxial cable pulling. Pre-lubricated tape provides a low coefficient of friction for easier cable pulling. Flat design distributes the side-wall load and reduces duct burn-through. Marked with accurate sequential footage markings.

Part Number	Break Strength		Approx Width		Length	
	(lbs)	(N)	(in)	(mm)	(ft)	(m)
08096203	400	1,779	1/4	6	3,000	915
08096503	600	2,669	3/8	10	3,000	915
08096803	900	4,003	1/2	13	3,000	915
08075003	1,250	5,560	1/2	13	3,000	915
08075103	1,800	8,006	5/8	16	3,000	915
08096303	2,500	11,120	3/4	19	3,000	915

Detectable Polyester Woven Pre-Lubed Tape, 22 Gauge Wire

Provides a proven, reliable means of cable or conduit locating. Pre-lubricated tape provides a low coefficient of friction for easier cable pulling. Flat design distributes the side-wall load and reduces duct burn-through. Marked with accurate sequential footage markings.

Part Number	Break Strength		Width		Length	
	(lbs)	(N)	(in)	(mm)	(ft)	(m)
08098203	1,250	5,560	1/2	13	3,000	915
08098303	1,800	8,007	5/8	16	3,000	915
08098403	2,500	11,121	3/4	19	3,000	915

Measuring Tape Stands

Measuring Tape Stands give you a convenient and stable method for holding and dispensing measuring tape. These lightweight stands are portable, durable and help keep tape from twisting during installation. Available in 5 models, all featuring tubular steel frames.

Single Spool Tape Stand 18120100

Support one spool of measuring tape.

Single Spool Tape Stand 18120125

Support one spool of measuring tape.

Collapsible Tape Stand 18120200

Collapsible frame has foam floor protectors on bottom. Folds to just 4" (101 mm) wide. Supports one reel.

Tape Stand 18120225

Collapsible frame, Folds to just 4" (101 mm) wide. Supports one reel.

Heavy-duty Tape Stand 18120300

Large capacity stand has 6" (152 mm) wheels and upright support bar. Supports one reel.



Single Spool Tape Stand



Collapsible Tape Stand

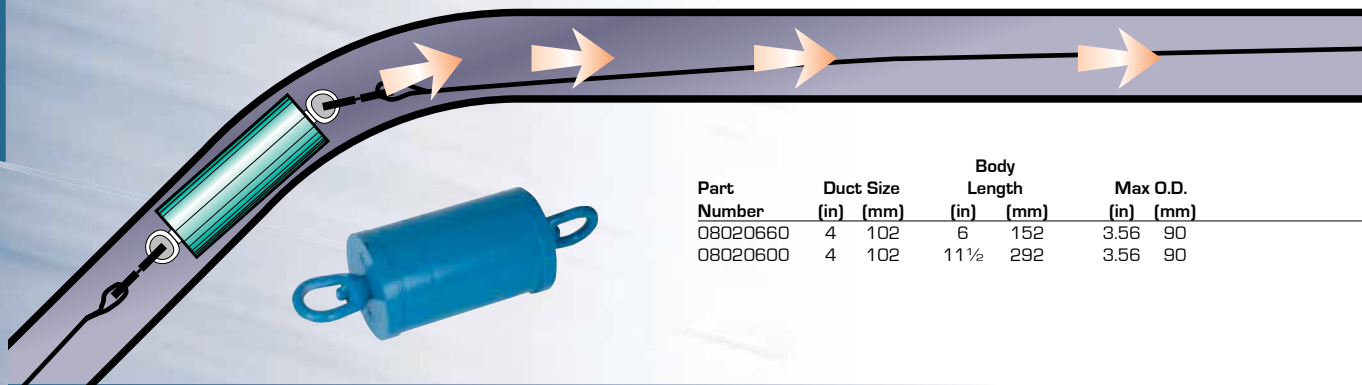


Heavy-duty Tape Stand

Part Number	Description	Maximum Reel Diameter		Maximum Reel Width		Gross Load Capacity	
		(in)	(mm)	(in)	(mm)	(lb)	(kg)
18120100	Single Spool Tape Stand	18	457	15	381	100	45
18120125	Single Spool Tape Stand	24	609	24	609	100	45
18120200	Collapsible Tape Stand	18	457	15	381	100	45
18120225	Collapsible Tape Stand	24	609	24	609	100	45
18120300	Heavy-duty Tape Stand	26	660	15	381	200	91

Wood Test Mandrels

Pull through duct to prove joint integrity and test for out-of-round duct. 2,240 lbs. [9,964 N] load capacity. Wood body with steel end caps and pulling eyes.



Part Number	Duct Size		Body Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)
08020660	4	102	6	152	3.56	90
08020600	4	102	11 1/2	292	3.56	90

Aluminum Test Mandrels

Pull through duct to prove joint integrity and test for out-of-round duct. Provides an 80% fill in schedule 40 and telephone conduit.



Part Number	Duct Size		Body Length		Max O.D.		Load Capacity	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs)	(N)
08059515	1 1/2	38	1.74	44	1.18	30	2,200	9,786
08059520	2	51	2.40	61	1.62	41	2,200	9,786
08059525	2 1/2	64	2.98	76	2.00	51	2,200	9,786
08059530	3	76	3.50	89	2.37	61	2,200	9,786
08059535	3 1/2	89	4.10	104	2.75	70	4,500	20,016
08059540	4	102	4.84	123	3.25	83	4,500	20,016
08059550	5	127	5.98	152	4.00	102	4,500	20,016
08059560	6	152	7.08	180	4.75	121	4,500	20,016
08059580	8	203	9.44	240	6.375	162	4,500	20,016

Aluminum Test Slugs

Pull through duct to prove joint integrity and test for out-of-round duct. Provides an 80% fill in schedule 40 and telephone conduit.



Part Number	Duct Size		Body Length		Max O.D.		Load Capacity	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs)	(N)
08059005	1	25	1.71	43	0.860	22	2,200	9,786
08059015	1 1/4	32	2.17	55	1.086	28	2,200	9,786
08059025	1 1/2	38	2.49	63	1.243	32	2,200	9,786

Rubber Duct Swab

Ideal for cleaning and assisting in the spreading of lubricant throughout the duct. 7,000 lbs. [31,136 N] load capacity.



Part Number	Duct Size		Body Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)
08028820*	2	51	10	254	2.00	51
08028830	3	76	10	254	3.00	76
08028700	3 1/2	89	10	254	3.50	89
08028800	4	102	10	254	4.00	102
08058700	5	127	10	254	5.00	127
08058800	6	152	10	254	6.00	152
08028880	8	203	10	254	8.00	203

*4,500 lbs. [20,016 N] load capacity.

Short Rubber Slug

For proving duct integrity and for spreading cable pulling lubricant especially in tight-radius bends. 4,500 lbs. (20,016 N) load capacity.

Part Number	Duct Size		Body Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)
08082020	2	51	3.25	83	2.00	51
08082025	2½	64	3.25	83	2.50	64
08082030	3	76	3.25	83	3.00	76
08082035	3½	89	3.25	83	3.50	89
08082040	4	102	3.25	83	4.00	102
08082050	5	127	3.25	83	5.00	127
08082060	6	154	3.25	83	6.00	154
08082080	8	203	3.25	83	8.00	203



FISHING & RODDING

Wire Brush Mandrel

Flat steel bristles with a pulling eye on one end and a loop on the other end. Easily removes sand, grit and other light obstructions from the duct. 800 lbs. (3,558 N) load capacity.

Part Number	Duct Size		Body Length		Overall Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
08028904	1¼	32	4.25	108	7.50	191	1.00	25
08028905	1½	38	4.25	108	7.50	191	1.25	32
08028900	2	51	4.25	108	9.16	232	1.75	44
08046000	2½	64	4.25	108	9.16	232	2.25	57
08067100	3	76	5.50	140	9.16	232	2.75	70
08067200	3½	89	5.00	127	9.16	232	3.25	82
08029000	4	102	6.75	171	9.16	232	3.75	95
08029100	5	127	6.50	165	9.16	232	4.75	121
08068100	6	152	6.75	171	9.16	232	5.75	146
08029080	8	203	4.75	121	9.73	247	7.75	197



Heavy Duty Wire Brush Mandrels

Heavy-duty steel bristles with pulling eyes on each end. For removing obstructions from the duct.

Part Number	Duct Size		Body Length		Max O.D.		Load	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs)	(N)
08900546	2	51	3.5	89	1.75	44	1,240	5,516
08900547	2½	64	4.25	108	2.25	57	1,240	5,516
08900548	3	76	5.25	133	2.75	70	1,240	5,516
08900549	3½	89	5.25	133	3.25	82	2,240	9,964
08900550	4	102	5.25	133	3.75	95	2,240	9,964
08900551	5	127	5.00	123	4.75	121	2,240	9,964
08900552	6	152	5.00	123	5.75	146	2,240	9,964
08900553	8	203	5.00	123	7.75	196	2,240	9,964

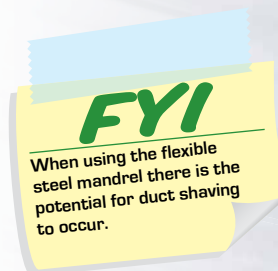


Flexible Steel Mandrel

Steel discs in graduated sizes make this mandrel ideal for removing obstructions in duct with extreme bends. 7,000 lbs. (31,136 N) load capacity.

Part Number	Duct Size		Body Length		Max O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)
08021700	*2	51	7.31	186	1.75	44
08021925	2½	64	11.25	286	2.25	57
08021800	3	76	11.25	286	2.75	70
08049400	3½	89	11.25	286	3.25	83
08067400	4 Sch 80	97	11.25	286	3.50	89
08021900	4	102	11.25	286	3.75	95
08067500	5 Sch 80	114	11.25	286	4.25	108
08058900	5	127	11.25	286	4.75	121
08067600	6 Sch 80	146	11.25	286	5.50	140
08059000	6	152	11.25	286	5.75	146
08079500	8	203	11.25	286	7.75	197

*2,000 lbs. (8,896 N) load capacity.



FYI
When using the flexible steel mandrel there is the potential for duct shaving to occur.





**SAFETY
RELIABILITY
PRODUCTIVITY**



**ISO 9001:2008
CERTIFIED**



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