



List Price Schedule HP-SV-SD-1220 Effective December 14, 2020

Possession of this price list shall not be construed as an offer to sell the products listed.

Charlotte Pipe and "You can't beat the system" are registered trademarks, and Edge HP Iron is a trademark of Charlotte Pipe and Foundry Company.

©2020 Charlotte Pipe and Foundry Company

>> Edge HP Iron™ Service Small Diameter Cast Iron Soil Pipe and Fittings





 $\label{thm:price} Please\ contact\ Customer\ Service\ or\ refer\ to\ Excel\ and\ HTML\ price\ sheets\ on\ www.charlottepipe.com\ for\ crate\ and\ half-crate\ quantities.$

Size	*UPC# 611942-	Weight	List Price Each	Size	*UPC# 611942-	Weight	List Price Each
	== :=			*	*==* :=		

Size	*UPC# 611942-	Weight	List Price Each
	Part No. H Edge HP F		ths, Single Hub
T & UPC® The Quie	PPP€® USA CHARLOTTE	PIPE® EDGE 1	HP IRON USA
2"x10'	16082	40.1	\$150.30
3"x10'	16083	59.5	197.70
4"x10'	16084	75.1	257.00
	Part No. H Edge HP F Double Hu	Pipe, 30" Leng	gths,
2"x30"	15495	13.8	\$116.90 N
3"x30"	16115	18.8	146.50 N
4"x30"	15496	27.1	166.10 N
	Part No. H Edge HP (IP SV 5 Juarter Bend	
2	15497	5.1	\$34.20
3	15498	7.7	45.60
4	15499	13.1	71.60
	Part No. H Edge HP S	IP SV 7 Sixth Bend	
2	15747	4.3	\$43.20 N
3	15748	6.9	57.00 N
4	15749	10.8	68.30 N
5	Part No. H Edge HP E	IP SV 8 Eighth Bend	
2	15501	4.2	\$24.30
3	15502	6.5	38.10
4	15503	10.7	55.80

N =	Non-stock item;	Contact	t customer	service f	or availability.
-----	-----------------	---------	------------	-----------	------------------

See page 6 for pipe bundle quantities.

You can't beat the system.®

			i	
	15762	3.4	\$27.50	
	15506	6.0	42.00 N	
	15507	8.8	48.80	
	Edge HP (Quarter Bend v	vith	
	15764	9.8	\$117.10 N	
	15765	13.0	124.90 N	
Illustration Shows Right Hand Inlet	Part No. HP SV 12 Edge HP Quarter Bend with Side Inlet (Cup Hub Inlet)			
	15766	16.5	\$116.70 N	
	15767	16.5	116.70 N	
			r Bend	
	15768	16.1	\$208.30 N	
	Part No. HP SV 18 Edge HP Reducing Quarter Bend			
	15769	6.3	\$60.70 N	
	15509	11.7	75.80	
	15770	9.1	94.40 N	
	Part No. HP SV 23 Edge HP Single Hub Return Bend			
	Shows Right Hand	15762 15506 15507 Part No. Hedge HP 0 Low Heel 15764 15765 Illustration Shows Right Hand Inlet 15766 15767 Part No. Hedge HP 0 (Cup Hub In) 15768 Part No. Hedge HP 1 15769 15509 15770 Part No. Hedge HP 1	15506 6.0 15507 8.8 Part No. HP SV 10 Edge HP Quarter Bend v Low Heel Inlet 15764 9.8 15765 13.0 Illustration Shows Right Hand Inlet 15766 16.5 15767 16.5 Part No. HP SV 15 Edge HP Double Quarter Bend v (Cup Hub Inlet) 15768 16.1 Part No. HP SV 18 Edge HP Reducing Quarter Bend v 15769 6.3 15509 11.7 15770 9.1 Part No. HP SV 23	

16.4

166.50 N

15772



Size	*UPC# 611942-	Weight	List Price Each	Size	*UPC# 611942-	Weight	List Price Each
J	Part No. H Edge HP I	HP SV 25 Long Quarter E	dend		Part No. H Edge HP (Eighth Be (Long Turn)	Combination W nd	/ye and
2x12	15773	6.9	\$97.70 N		15521	0.4	\$59.70
3x12	15774	10.3	110.20 N	2 3x2	15521	8.6 11.1	\$59.70 68.60
4x12	15775	15.4	101.50 N	3	15523	14.8	90.70
4x16	15776	20.4	190.50 N	4x2	15524	15.5	92.60
4x18	15510	21.4	143.20	4x3	15525	19.2	108.90
1x24	15777	27.9	202.80 N	4	15526	25.7	125.20
לים אינים	Part No. H Edge HP I	HP SV 26 Long Eighth Be	end		Part No. H Edge HP I Eighth Be (Charlotte F	Double Combirend	nation Wye and
2x12	15778	6.2	\$103.30 N	4	15793	26.6	\$318.40 N
3x12	15779	10.6	116.10 N	4	13793	20.0	\$310.40 I
3x18	15780	12.4	123.00 N	own.	Part No. H	IP SV 35 F	
1x12	15781	15.6	112.40 N		Edge HP I	Double Combir	nation Wye and
1x18	15511	20.6	145.30		Eighth Be		•
	Part No. H Edge HP S	IP SV 29 Short Sweep B	end	2 3x2	(Long Turn I 15794 15795	12.0 14.6	\$122.40 N
				3	15796	22.0	157.10
2	15512	6.2 9.4	\$33.50				158.90 N
4	15513 15514	16.6	59.70 91.50	4x2	15797	19.7	
7	13314	10.0	71.50	4x3	15798	26.5	180.60
2	Part No. F Edge HP I	HP SV 30 Long Sweep Be	\$51.90	4	Edge HP I	36.2 IP SV 35 F Double Combirend with 2" Cu	257.60 N nation Wye and p Hub Inlet
3	15517	12.2	74.00				
4	15518	21.2	108.70	4	15802	39.8	\$422.80 N
j	Part No. H Edge HP I	HP SV 31 Reducing Long	Sweep Bend	Illustrat Shows Ri Hand In On Mai	ion Part No. Hight Edge HP (IP SV 39 A Combination W	/ye and Eighth
3x2	15785	11.2	\$98.00 N		(Cup nub in	ierj	
4x3	15786	17.6	157.70 N	4 w/2RH	15803	28.3	\$235.60 N
	Part No. H	1D C/\ 33		4 w/2LH	15804	28.3	235.60
		Combination W and	/ye and	7	Part No. H Edge HP (/ye and Eighth
4	15520	20.3	\$125.30	IPS TAP		i Cleanout on	Maili

List Price Each

\$190.20

\$402.20 N

\$334.90 N

\$233.20 N

\$221.30 N

\$105.60 N

246.80

255.00

Installed

6.5

13.6

16.8

15834

15548

15549

IPS TAP

2

4

4

2

3

4



Size	*UPC# 611942-	Weight	List Price Each	Size	*UPC# 611942-	Weight	List Price Each
	Part No. H Edge HP S	IP SV 42 Straight Tee		TO DETERMIN	E RIGHT OR L	EFT HAND I	NLETS:
	J	J		For All Branch F	ittings		<i>d</i> =
2	15806	7.0	\$69.00 N	For All Branch F	got near you with		
3x2	15807	9.0	83.00 N	· ·	acing upward.		
3	15529	11.4	102.70		J) 4	V
4x2	15530	12.7	106.90	For All Bends.		/ }	
4x3	15808	13.3	118.30 N	Place the fitt	ing upright with	£ /	RIGHT HAND
4	15531	16.6	131.80	spigot near y		استدر	INLET ILLUSTRATED
	Part No. H Edge HP S	IP SV 43 Sanitary Tee		Illustration Shows	Part No. H	HP SV 57 Wye with Left H	
		_	<u> </u>	Left Han	d Side Inlet		idild
2	15532	7.9	\$47.70	Inlet	(Cup Hub In		
3x2 3	15533	10.9	66.30 77.10		· •		
4x2	15534 15535	11.9 14.2	80.50	4 w/2	15827	23.8	\$190.20
4x3	15812	16.9	86.80 N		Dant Na I	ID CV EZ A	
4	15536	18.6	94.40	Illustratio	n	HP SV 57 A Wye with Right	Hand
	Part No. H Edge HP V	IP SV 44	7	Shows Right Han Inlet		:	Ilanu
I				4 w/2	15828	23.8	\$190.20
2	15538	8.3	\$43.40		Part No. I	HP SV 71 A	
3x2	15539	10.9	62.60			Single Two-Way	ı Cleanout
	15540	12.2	80.50		2480 (, <u>6</u> .002	, olounout
4x2	15541	15.5	83.90	00			
4x3	15542	16.8	92.60	4	15829	33.5	\$402.20
Illustration Shows Left Hand Inlet	Part No. H Edge HP S Side Inlet	Sanitary Tee wit	th Left Hand			HP SV 71 B Short Special To	wo-Way
	(Cup Hub In	let)		4	15830	16.7	\$334.90
4 w/2 Illustration Shows		20.2 IP SV 56 B	\$199.10 N		Part No. H Edge HP I	HP SV 72 Double Two-Wa	y Cleanout
Right Hand Inlet	Edge HP S Side Inlet (Cup Hub In		th Right Hand	4	15831	32.9	\$233.20
	(cah uan III				Part No. H	1D CV 7E	
4 w/2		23.1 IP SV 56 C	\$199.10 N			Sanitary Tee wi	th Cleanout
		Sanitary Tee wit	th Right and	IPS TAP			
	Left Hand (Cup Hub In	Side Inlet		4 31/2	15833	15.1	\$221.30
	(Cap nab III			- 0000	David No. 1	JD CV 70	
4 w/2	15826	23.1	\$252.40 N	1 6°		Washington Tes Raised-Head E	

\$245.00 N



*UPC# List Price *UPC# List Price *UPC# List Price \$ Size 611942- Weight Each Size 611942- Weight Each



Part No. HP SV 80 Edge HP Cleanout Tee with Southern Raised-Head Brass Plug Installed

			IPS TAP		
\$115.00 N	8.8	15837	2	3	
217.20 N	14.5	15838	3	4	

Cleanout Tees can be ordered only with Southern Code brass plug installed. We do not offer this fitting less plug, or with any other type brass plug installed.



Part No. HP SV 81 S Edge HP Miami Test Tee with Southern Raised-Head Brass Plug Installed

			IPS Tap	
\$129.30 N	7.3	15840	2	2
236.40 N	9.6	15841	3	3
288.70 N	16.4	15842	4	4

	Part No. H Edge HP S	IP SV 108 Straight Cross	
4x2	15844	15.6	\$142.00 N
4	15845	18.1	177.60 N

	Part No. H Edge HP S	P SV 109 anitary Cross	
2	15846	10.8	\$103.90 N
3x2	15847	13.7	126.10 N
3	15848	15.6	125.70 N
4x2	15849	14.6	123.00 N
4x3	15850	20.0	159.90 N

22.9

15851

	Part No. H Edge HP (HP SV 110 Double Wye	
2	15855	9.7	\$106.10 N
3x2	15856	14.0	112.80 N
3	15857	19.1	132.20 N
4x2	15858	16.2	135.70 N
4x3	15859	21.0	143.20 N
4	15860	27.2	173.00 N

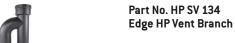
Part No. HP SV 114 Edge HP Sanitary Cross with 2" Side Inlet (Cup Hub Inlet)

27.4

Part No. HP SV 115 Edge HP Double Wye with 2''	Side Inle	t
(Cup Hub Inlet)		

4x4	15868	31.8	\$345.00 N

15867



15869 19.6 \$185.80 N

r	Part No. HP SV 135 Edge HP H Branch
---	--

17.0	15870	4x3	1587	70 17.0	\$173.40 N
19.6	15871	4	1587	71 19.6	188.50 N



Part No. HP SV 141 Edge HP 45° Offset

\$119.60 N	11.6	15872	4x4
130.90 N	13.8	15873	4x6
146 50 N	15.6	1587/	1 v 8

Part No. HP SV 143 Edge HP Reducer

\$33.50	4.6	15550	3x2
38.20	6.0	15551	4x2
43.40	7.0	15552	4x3

157.70 N

Part No. HP SV 144 Edge HP Increaser

\$80.10 N	9.4	15880	2x4
87.90 N	8.8	15881	3x4
119.30 N	15.2	15882	4x6
246.90 N	26.0	15883	4x8

un de la consessione de la con	Part No. HP SV 153 Edge HP Double Hub Fitting
--	--

\$38.20 N	4.7	15885	2
52.40 N	7.0	15886	3
59.70 N	9.1	15554	4



*UPC# List Price *UPC# List Price Size 611942- Weight Each Size 611942- Weight Each	*UPC#	List Price	*UPC#	List Price
	Size 611942-	Weight Each	611942-	Weight Each

Sarra (S)	Part No. HI Edge HP Pi		
2	15555	1.4	\$17.20 N
3	15556	2.5	24.50 N
4	15557	4.1	29.90 N

	Part No. H Edge HP F		
2	15558	7.1	\$54.50
3	15559	13.1	81.30
4	15560	23.2	117.10

	Euge HF F	tunning irap	
4	15893	19.3	\$229.60 N

Part No. HP SV 170

J	Part No. HP SV 174 Edge HP Running Trap with Single Hub Vent	
Vent Size		

			Vent Size	
\$181.90 N	17.7	15895	3	3
247.50 N	28.4	15896	4	4

Part No. HP SV 175 Edge HP Running Trap with

Double Hub Vent

	Vent Size			
3	3	15900	19.7	\$212.60 N
4	4	15901	36.3	297.80 N

	Part No. H Edge HP [IP SV 180 Deep Seal P Tra	p
2	15906	8.1	\$96.70 N
3	15907	14.3	119.30 N

2	15906	8.1	\$96.70 N
3	15907	14.3	119.30 N
4	15908	29.0	189.10 N

Part No. HP SV 184

Edge HP Improved Running Trap with

Double Cleanout and Tee Branch

	IPS TAP			
4	31/2	15910	32.3	\$525.50
4x3	$3\frac{1}{2}$	15561	34.3	416.90 N

 4x3	3½	15561	34.3	416.90
	Illustration Shows Right Hand Cleanout	Edge HP	HP SV 188 P Trap with Right	t Hand

	IPS TAP			
4	3	15911	20.5	\$263.80 N



Illustration Shows Left Hand Cleanout

Part No. HP SV 188 A P Trap with Left Hand Cleanout

	IPS TAP			
4	3	15912	19.4	\$263.80 N



Part No. HP SV 200 Edge HP Closet Bend, Plain - Less Collar

3x4x6x12	15562	10.7	\$111.60
3x4x6x16	15913	12.0	133.50 N
3x4x8x18	15914	14.0	207.30 N
3x4x10x16	15915	16.1	188.20 N
3x4x12x12	15916	15.9	143.50 N
3x4x16x16	15563	20.6	210.30
3x4x18x18	15564	22.7	263.70
3x16x16	15565	16.7	195.40
4x4x12	15917	11.5	98.30 N
4x4x16	15566	14.3	142.20
4x4x18	15567	17.3	163.90
4x6x12	15568	12.5	113.70
4x6x16	15569	16.9	163.90
4x6x18	15919	14.0	185.40 N
4x8x16	15920	18.4	143.50 N
4x8x18	15921	19.8	202.80 N
4x10x12	15922	14.5	133.50 N
4x10x16	15923	19.6	182.80 N
4x12x12	15924	14.0	145.20 N
4x12x16	15925	20.8	165.50 N
4x12x18	15926	19.0	199.20 N
4x14x16	15927	22.6	186.70 N
4x14x18	15528	24.0	205.70 N
4x16x16	15570	23.8	216.00
4x16x18	15571	24.7	220.40
4x18x18	15572	27.4	341.90

How To Read Reducing Closet Bends:

The two outside numbers then the two inside numbers.

Example: 3x4x6x12

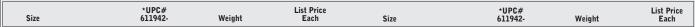
The 3" is 12" Long. The 4" is 6" Long.



Part No. HP SPL 220 **Edge HP Notched and Slotted Closet Flange** (Fits over 4" pipe for caulked joints.)

\$26.70 N	2.2	15929	4x1
32.00 N	3.0	15577	4x2
35.20	3.6	15578	4x2½
43.30	4.5	15579	4x3
57.00	4.7	15580	4x4
100.10 N	5.3	15930	4x6







Part No. HP SV 206 Edge HP Tapped Closet Bend with Southern Code Brass Plug

3½x4x4x18 15931 17.7 **\$193.80 N**



Part No. HP SV 208 Edge HP Hub End Closet Bend, Low Hub

\$145.30 N	14.2	15932	4x12
150.30 N	15.4	15933	4x14
227.10 N	17.5	15934	4x16
227.80 N	18.9	15935	4x18



Part No. HP SV 228 S
Edge HP Iron Body Cleanout Ferrule with Southern Raised-Head Brass Plug
Installed

	Тар			
2	11/2	15936	1.4	\$42.60 N
3	21/2	15573	2.4	64.00
4	3	15574	4.1	74.50
4x12	31/2	15938	9.9	252.80 N



Part No. HP SV 253 Edge HP Sission Insertable Joint

2	15939	7.0	\$97.70 N
3	15940	11.6	153.30 N
4	15576	12.9	168.90 N

N = Non-stock item; Contact customer service for availability.



Testing with or use of compressed air or gas in Cast Iron pipe or fittings can result in explosive failures and cause severe injury or death.



- NEVER test with or transport/store compressed air or gas in Cast Iron pipe or fittings.
- NEVER test Cast Iron pipe or fittings with compressed air or gas.
- ONLY use Cast Iron pipe and fittings for drain, waste and vent or sanitary sewer applications.

CHARLOTTE® SPEED PAK

TEN FOOT PIPE BUNDLES

SERVICE					
Single Hub	SIZE	PIECES	WEIGHT	HEIGHT	
	2x10′	54	2165	12"	
	3x10′	36	2141	15"	
	4x10′	27	2028	18"	

Weights are approximate and are for shipping purposes only.

All products manufactured by Charlotte Pipe and Foundry Company are proudly made in the U.S.A.



Note: Dimensions and tolerances for Extra Heavy pipe and fittings are published in Charlotte Pipe's Cast Iron Dimensional Catalog and also Charlotte Pipe's Cast Iron Technical Manual.

CHARLOTTE® CAST IRON SOIL PIPE AND FITTINGS SPECIFICATIONS

This is to certify that products manufactured by Charlotte Pipe and Foundry, Cast Iron Division, are manufactured in the United States and conform to the following standards:

EDGE HP SERVICE HUB AND SPIGOT PIPE AND FITTINGS

S COMPRESSION GASKETS
ASTM C 564
CISPI HSN 85

All cast iron soil pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute (CISPI). ASTM A 74

Meets the performance requirements of EN 877

Listed by NSF® International to the UP Code
ISO 9001:2015 Certified

Charlotte Pipe® products are manufactured to the applicable ASTM standard. Charlotte Pipe and Foundry cannot accept responsibility for the performance, dimensional accuracy, or compatibility of pipe, fittings, gaskets, or couplings not manufactured or sold by Charlotte Pipe and Foundry.

Terms of Sale

We are pleased to present our list price schedule for use in ordering Charlotte Pipe and Foundry Company® (Charlotte Pipe®) Products. To determine current prices, please refer to the prices shown in the list price schedule. You may seek further clarification from our local manufacturers' agent or the factory sales office. **All prices in list price schedules are subject to change without notice. Orders will be billed at the prevailing price at the time of shipment.** All quotations, sales, and agreements are subject to strikes, accidents, transportation failures or other causes beyond our control. Any tax, effective under present or future laws, shall be added as an extra to the price of the product and shall be paid by the purchaser. **Possession of product information or list price schedules shall not be construed as an offer to sell the product listed.**

ARBITRATION: CHARLOTTE PIPE AND CUSTOMER AGREE THAT ANY DISPUTE, CLAIM OR CONTROVERSY OF ANY NATURE, WHETHER BASED ON CONTRACT, TORT, STATUTE, OR ANY OTHER LEGAL OR EQUITABLE THEORY, ARISING OUT OF OR RELATED TO THE SALE OF PRODUCTS FROM CHARLOTTE PIPE TO CUSTOMER SHALL BE RESOLVED THROUGH BINDING ARBITRATION ADMINISTERED PURSUANT TO TITLE 9 OF THE U.S. CODE BY JAMS UNDER ITS COMPREHENSIVE ARBITRATION RULES AND PROCEDURES, AND JUDGMENT ON THE AWARD ENTERED BY THE ARBITRATOR(S) MAY BE ENTERED BY ANY COURT HAVING JURISDICTION THEREOF. EITHER PARTY MAY APPLY TO THE ARBITRATOR SEEKING INJUNCTIVE RELIEF UNTIL THE ARBITRATION AWARD IS ENTERED OR THE MATTER IS RESOLVED. EITHER PARTY ALSO MAY, WITHOUT WAIVING ANY REMEDY AVAILABLE TO IT, SEEK FROM ANY COURT OF COMPETENT JURISDICTION ANY PROVISIONAL OR INTERIM RELIEF THAT IS NECESSARY TO PROTECT ITS RIGHTS PENDING THE ARBITRATOR(S)' DETERMINATION OF THE MERITS OF THE DISPUTE, CLAIM OR CONTROVERSY.

CLASS ACTION WAIVER: CHARLOTTE PIPE AND CUSTOMER AGREE THAT THERE WILL BE NO RIGHT OR AUTHORITY FOR ANY CLAIM, DISPUTE AND/OR CONTROVERSY COVERED UNDER THE PARTIES' AGREEMENT TO ARBITRATE TO BE BROUGHT, HEARD, OR ARBITRATED AS A CLASS ACTION AND/OR COLLECTIVE ACTION AND/OR REPRESENTATIVE ACTION. NOR SHALL THE ARBITRATOR(S) HAVE ANY AUTHORITY TO HEAR OR ARBITRATE ANY SUCH CLASS AND/OR COLLECTIVE ACTION AND/OR REPRESENTATIVE ACTION. REGARDLESS OF ANYTHING ELSE IN THESE TERMS AND CONDITIONS OR BY VIRTUE OF ANY ARBITRATION RULES OR PROCEDURES OF THE AAA THAT NOW APPLY OR ANY AMENDMENTS AND/OR MODIFICATIONS TO THOSE RULES, THE ENFORCEABILITY AND VALIDITY OF THIS CLASS ACTION WAIVER MAY BE DETERMINED ONLY BY A COURT AND NOT BY AN ARBITRATOR. NOTWITHSTANDING ANY OTHER CLAUSE CONTAINED IN THESE TERMS AND CONDITIONS, THIS CLAUSE ENTITLED CLASS ACTION WAIVER SHALL NOT BE SEVERABLE FROM THESE TERMS AND CONDITIONS IN ANY CASE IN WHICH THE DISPUTE TO BE ARBITRATED IS BROUGHT AS A CLASS AND/OR COLLECTIVE ACTION. THIS CLASS ACTION WAIVER AND THE AGREEMENT TO ARBITRATE ANY CLAIM, DISPUTE OR CONTROVERSY PRECLUDES CUSTOMER FROM LITIGATING IN COURT OR ARBITRATING ANY CLAIMS AGAINST CHARLOTTE PIPE AS A REPRESENTATIVE OR MEMBER OF A CLASS OR IN A PRIVATE ATTORNEY GENERAL CAPACITY.

Charlotte Pipe and Charlotte are registered trademarks of Charlotte Pipe and Foundry Company.



LIMITED WARRANTY

Charlotte Pipe and Foundry Company® (Charlotte Pipe®) Products are warranted to be free from manufacturing defects and to conform to currently applicable ASTM standards for a period of five (5) years from date of delivery. Buyer's remedy for breach of this warranty is limited to replacement of, or credit for, the defective product. This warranty excludes any expense for removal or reinstallation of any defective product and any other incidental, consequential, or punitive damages. This limited warranty is the only warranty made by seller and is expressly in lieu of all other warranties, express and implied, including any warranties of merchantability and fitness for a particular purpose. No statement, conduct or description by Charlotte Pipe or its representative, in addition to or beyond this Limited Warranty, shall constitute a warranty. This Limited Warranty may only be modified in writing signed by an officer of Charlotte Pipe.

This Limited Warranty will not apply if:

- 1) The Products are used for purposes other than their intended purpose as defined by local plumbing and building codes, and the applicable ASTM standard.
- 2) The Products are not installed in good and workmanlike manner consistent with normal industry standards; installed in compliance with the latest instructions published by Charlotte Pipe and good plumbing practices; and installed in conformance with all applicable plumbing, fire and building code requirements.
- 3) This limited warranty does not apply when the products of Charlotte Pipe are used with the products of other manufacturers that do not meet the applicable ASTM or CISPI standards or that are not marked in a manner to indicate the entity that manufactured them.
- 4) In hubless cast iron installations, this warranty will not apply if products are joined with unshielded hubless couplings. Charlotte Pipe requires that its hubless cast iron pipe and fittings be joined only with shielded hubless couplings manufactured in accordance with CISPI 310, ASTM C 1277 and certified by NSF® International or with Heavy Duty Couplings meeting ASTM C 1540.
- 5) The Products fail due to defects or deficiencies in design, engineering, or installation of the piping system of which they are a part.
- 6) The Products have been the subject of modification; misuse; misapplication; improper maintenance or repair; damage caused by the fault or negligence of anyone other than Charlotte Pipe; or any other act or event beyond the control of Charlotte Pipe.

- 7) The Products fail due to the freezing of water in the Products.
- 8) The Products fail due to contact with chemical agents, fire stopping materials, thread sealant, plasticized vinyl products, or other aggressive chemical agents that are not compatible.
- 9) Pipe outlets, sound attenuation systems or other devices are permanently attached to the surface of Charlotte® PVC, ABS or CPVC products with solvent cement or adhesive glue.

Charlotte Pipe products are manufactured to the applicable ASTM or CISPI standard. Charlotte Pipe and Foundry **cannot** accept responsibility for the performance, dimensional accuracy, or compatibility of pipe, fittings, gaskets, or couplings not manufactured or sold by Charlotte Pipe and Foundry.

Any Charlotte Pipe products alleged to be defective **must** be made available to Charlotte Pipe at the following address for verification, inspection and determination of cause:

Charlotte Pipe and Foundry Company Attention: Technical Services 2109 Randolph Road Charlotte, North Carolina 28207

Purchaser must obtain a return materials authorization and instructions for return shipment to Charlotte Pipe of any product claimed defective or shipped in error.

Any Charlotte Pipe product **proved** to be defective in manufacture will be replaced F.O.B. point of original delivery, or credit will be issued, at the discretion of Charlotte Pipe.

4/24/15



Testing with or use of compressed air or gas in PVC / ABS / CPVC / Cast Iron pipe or fittings can result in explosive failures and cause severe injury or death.



- NEVER test with or transport/store compressed air or gas in PVC / ABS / CPVC / Cast Iron pipe or fittings.
- NEVER test PVC / ABS / CPVC / Cast Iron pipe or fittings with compressed air or gas, or air over water boosters.
- ONLY use PVC / ABS / CPVC / Cast Iron pipe or fittings for water or approved chemicals.
- Refer to warnings on PPFA's website and ASTM D 1785.

Charlotte, Charlotte Pipe and "You can't beat the system" are registered trademarks of Charlotte Pipe and Foundry Company.

All products manufactured by Charlotte Pipe and Foundry Company are proudly made in the U.S.A.

You can't beat the system.®