

ABS DWV

List Price Schedule ABS-324
Effective March 18, 2024
Supersedes Price Schedule ABS-1021

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ASTM D 2661

>> ABS Drain-Waste-Vent Fittings For Non-Pressure Applications

Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each	Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each
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Part No. ABS 100
Coupling
(H x H)

1¼ *	14212	100	4900	\$28.60
1½	02701	100	5600	14.60
2	02702	100	4900	18.30
3	02703	60	1080	54.80
4	02704	25	700	91.50
6	02705	15	180	383.30



Part No. ABS 101
Female Adapter
(H x FPT)

1½	02706	100	5600	\$25.00
2	02707	100	4900	39.40
3	02708	30	1470	105.40
4	02709	10	560	120.40
6	02710	10	180	460.70



Part No. ABS 102
Pipe Increaser-Reducer
(H x H)

1½x2	02711	25	3600	\$38.90
1½x3	02712	25	1400	115.40
2x3	02713	20	1600	92.40
2x4	02714	10	800	192.50
3x4	02715	20	1120	172.50



Part No. ABS 103
Trap Adapter - Male
(DWV SPG x Tubular SLIP)

1½	02717	50	7200	\$35.80
2	02718	25	3600	141.70



Part No. ABS 103 P
Trap Adapter - Male
(DWV SPG x Tubular SLIP with Washer & Polyethylene Nut)

1½x1¼ *	02719	75	6000	\$49.50
1½	02720	50	5600	35.90



Part No. ABS 103 R
Trap Adapter - Male with 1½" Plastic Nut and Washers to Fit 1½" and 1¼" Traps
(DWV SPG x Tubular SLIP with Plastic Nut)

1½ *	12514	50	5600	\$40.20
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Part No. ABS 103 W
Trap Adapter - Male
(DWV SPG x Tubular SLIP with Washer & Plastic Nut)

1½x1¼ *	13272	75	6000	\$54.70
1½ *	12477	50	5600	42.20
2 *	12715	25	3600	137.60



Part No. ABS 103 X
Trap Adapter - Male
(DWV SPG x Tubular SLIP with Washer & Chrome Nut)

1½x1¼	13273	100	8000	\$58.40
1½	02723	50	5600	68.60



Part No. ABS 104
Trap Adapter - Female
(DWV H x Tubular SLIP)

1½x1¼ *	02727	50	5600	\$41.70
1½	02728	50	7200	33.50







H = Hub
SPG = Spigot
SLIP = Slip

MPT = Male Pipe Thread
FPT = Female Pipe Thread





*ABS-DWV Fittings Not Listed by IAPMO



You can't beat the system.®

Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each	Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each
 <p>Part No. ABS 104 P Trap Adapter - Female (DWV H x Tubular SLIP with Washer & Polyethylene Nut)</p>					 <p>Part No. ABS 106 Cleanout Plug (MPT)</p>				
1½x1¼*	02729	50	5600	\$44.10	1½	02753	50	7200	\$20.70
1½	02730	50	5600	37.70	2	02754	50	7200	22.60
 <p>Part No. ABS 104 R Trap Adapter with 1½'' Plastic Nut and Washers to Fit 1½'' and 1¼'' Traps (DWV H x Tubular SLIP with Plastic Nut)</p>					 <p>Part No. ABS 107 Flush Bushing (SPG x H)</p>				
1½ *	04859	50	5600	\$41.20	1½x1¼	02765	100	14400	\$83.90
 <p>Part No. ABS 104 W Trap Adapter - Female (DWV H x Tubular SLIP with Washer & Plastic Nut)</p>					 <p>Part No. ABS 108 Flush Bushing (SPG x FPT)</p>				
1½x1¼ *	13276	50	5600	\$49.70	2x1¼ *	12526	50	7200	39.70
1½ *	12476	50	5600	37.90	2x1½	02766	50	7200	22.20
 <p>Part No. ABS 104 X Trap Adapter - Female (DWV H x Tubular SLIP with Washer & Chrome Nut)</p>					 <p>Part No. ABS 109 Male Adapter (Will not accept a tail piece) (MPT x H)</p>				
1½*	02732	50	5600	\$66.00	1½	02782	50	7200	\$21.20
1½x1¼	02731	50	5600	67.80	2	02784	50	5600	37.10
2	13278	50	5600	180.60	3	02785	25	1400	99.60
 <p>Part No. ABS 105 Fitting Cleanout Adapter (SPG x FPT)</p>					 <p>Part No. ABS 110 Flush Cleanout Plug (MPT)</p>				
1½	02735	50	7200	\$30.70	2	02787	25	7200	\$107.60
2	02736	50	4000	42.50	3	02788	50	5600	122.90
3	02737	25	1225	107.20	4	02789	25	3600	131.10
4	02738	10	560	200.80	 <p>Part No. ABS 111 Male Fitting Adapter (SPG x MPT)</p>				
 <p>Part No. ABS 105 X Fitting Cleanout Adapter with Cleanout Plug (SPG x FPT)</p>					1½	02793	50	7200	\$61.30
1½	02741	50	5600	\$51.40	2	14302	25	3600	126.50
2	02742	50	2800	65.10					
3	02743	25	1125	144.00					
4	02744	10	560	264.60					

*ABS-DWV fittings not listed by IAPMO

Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each	Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each
	Part No. ABS 113 S Tray Plug Adapter (SPG)					Part No. ABS 123 Hub Adapter, Cast Iron (Plain End: Joint can be made with compression gasket only.) (H x SPG) (Adapts DWV Spigot to Cast Iron Hub)			
1½ *	13642	50	2450	\$56.70	2x2	02812	20	1600	\$244.00
	Part No. ABS 114 Threaded Cap (FPT)				4x4	14213	20	1600	\$359.70
1½	02796	15	5400	\$42.30		Part No. ABS 130 Repair Coupling (H x H)			
	Part No. ABS 116 Cap (SOCKET)				1½ *	02826	25	3600	\$96.50
1½	02797	10	2880	\$48.40	2*	02827	25	3600	\$51.40
2	02798	5	1800	\$66.90	3*	02828	10	1120	\$127.80
3	02799	10	1440	\$138.30	4*	02829	5	560	\$245.60
4	02800	5	560	\$135.20		Part No. 131** Test Cap			
6 ^(F)	14303	5	175	\$308.80	1½ *				**
	Part No. ABS 117 Adapter Coupling (Adapts S&D Spigot to DWV Spigot) (H x H)				2*				**
4x3	02801	20	1120	\$135.50	3*				**
4x4	12865	20	1120	\$242.40	4*				**
	Part No. ABS 118 Adapter Bushing (Adapts DWV Hub to S&D Spigot) (DWV SPG x HUB)					Part No. ABS 300 1/4 Bend (H x H)			
3	07302	25	2800	\$86.80	1½	02840	100	2800	\$28.30
4	02803	10	1440	\$99.20	2	02841	50	1400	\$43.60
	Part No. ABS 119 No-Hub Adapter (SPG x H) (Adapts Cast Iron NH Spigot to DWV Spigot)				3	02842	25	450	\$109.80
2	02805	25	3600	\$74.20	4	02843	10	180	\$225.20
3	02807	20	1600	\$137.90	6	02844	5	60	\$960.10
4	02808	15	840	\$199.90		Part No. ABS 300 R 1/4 Bend, Reducing (H x H)			
	Part No. ABS 122 Spigot Adapter, Cast Iron (H x H) (Adapts Cast Iron Spigot to DWV Spigot)				2x1½ *	04195	10	1440	\$187.60
2x2	02810	10	1440	\$191.40		Part No. ABS 300 S 1/4 Bend with Side Inlet (H x H)			
4x4	02811	15	420	\$342.50	3x3x2*	02846	10	350	\$312.00

(F) Flat

* ABS-DWV fittings not listed by IAPMO

** Please see listing for Part No. PVC 131 in our PVC DWV price sheet.

Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each	Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each
	Part No. ABS 302 1/4 Bend, Street (SPG x H)					Part No. ABS 320 1/6 Bend, Street (H x SPG)			
1½	02850	100	3500	\$36.40	1½	02871	40	3200	\$156.70
2	02851	50	1750	61.00	2	02872	25	2000	155.10
3	02852	15	420	133.90	3	02873	20	700	444.20
4	02853	10	180	267.80					
	Part No. ABS 303 1/4 Bend with Low Heel Inlet (ALL HUB)					Part No. ABS 321 1/8 Bend (H x H)			
3x3x2	02856	25	400	\$184.50	1½	02875	100	3500	\$25.90
4x4x2	14214	15	180	540.70	2	02876	50	1750	40.10
					3	02877	20	560	96.10
					4	02878	10	280	180.50
					6	02879	3	84	803.60
	Part No. ABS 304 Long Sweep 1/4 Bend (H x H)					Part No. ABS 323 1/8 Bend, Street (SPG x H)			
1½	02858	50	1750	\$50.20	1½	02880	100	3500	\$32.30
2	02859	20	980	61.00	2	02881	50	1750	42.90
3	02860	10	350	149.30	3	02882	20	700	105.90
4	02861	5	175	254.90	4	02883	10	280	183.50
					6	02884	3	84	1,007.40
	Part No. ABS 307 Long Sweep 1/4 Bend with Low Heel Inlet (ALL HUB)					Part No. ABS 324 1/16 Bend (H x H)			
3x3x1½ *	13469	25	300	\$366.00	1½	02886	50	4000	\$37.80
3x3x2	13280	25	300	292.30	2	02887	25	2000	43.10
					3	02888	20	700	110.70
					4	02889	15	420	168.50
					6	02890	3	84	2,009.10
	Part No. ABS 309 Long Sweep 1/4 Bend, Street (H x SPG)					Part No. ABS 326 1/16 Bend, Street (SPG x H)			
1½	04193	50	2450	\$63.60	1½	02891	50	4000	\$107.60
2	04191	25	1225	78.60	2	02892	25	2800	97.30
3	02864	20	360	269.50	3	02893	20	700	165.00
					4	02894	10	490	288.00
	Part No. ABS 310 1/4 Bend, Street with Low Heel Inlet (H x SPG x H)					Part No. ABS 327 Double 1/4 Bend (ALL HUB)			
3x3x2	02865	15	420	\$264.80	1½*	02896	20	1600	\$135.20
					2*	02897	25	875	169.50
					2x1½x1½*	02898	25	1400	185.00
					3*	02899	10	280	626.00
	Part No. ABS 319 1/6 Bend (H x H)								
1½	02867	40	3200	\$49.90					
2	02868	25	1400	70.80					
3	02869	20	560	227.50					
4	02870	10	280	343.40					

*ABS-DWV fittings not listed by IAPMO

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Part No. ABS 329
Closet Bend, Reducing
(H x H)

3x4	02900	10	280	\$169.50
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Part No. ABS 330
Closet Bend, Reducing
(H x SPG)

3x4	02901	10	280	\$297.20
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Part No. ABS 330 X
Closet Bend, Reducing with
Test Cap
(H x SPG)

3x4*	02902	10	280	\$321.50
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Part No. ABS 331
Vent Ell
(H x H)

1½	02904	20	2880	\$50.70
2	02905	30	1680	83.90
3	02906	25	700	208.10



Part No. ABS 333
Vent Ell, Street
(H x SPG)

1½	02907	25	2800	\$50.70
2	02908	20	2240	78.20



Part No. ABS 400
Sanitary Tee
(ALL HUB)

1½	02927	100	1800	\$41.90
2	02928	35	980	64.50
3	02929	30	360	175.30
4	02930	5	140	311.70
6	02931	6	72	1,554.90



Part No. ABS 401
Sanitary Tee, Reducing
(ALL HUB)

2x1½x1½	02932	25	1225	\$57.40
2x1½x2	02933	25	875	64.60
2x2x1½	02934	50	900	56.10
3x3x1½	02935	20	560	120.70
3x3x2	02936	10	490	139.60
4x4x2	02938	10	280	334.80
4x4x3	02939	10	180	342.80
6x6x4*	02940	6	72	1,761.10



Part No. ABS 403
Sanitary Tee, Street
(SPG x H x H)

1½	02942	20	1600	\$104.00
2	02943	25	875	140.70
3	02944	30	360	241.10
4	02945	10	160	734.10



Part No. ABS 404
Sanitary Tee, Street, Reducing
(SPG x H x H)

2x1½x1½	02946	25	1225	\$104.50
2x1½x2	02947	25	875	173.20
2x2x1½	02948	50	1400	112.40
3x3x1½	02949	10	490	345.10
3x3x2	02950	20	560	288.20



Part No. ABS 416
Sanitary Tee with Left Side Inlet
(ALL HUB)

3x3x3x1½	14215	10	280	\$413.80
3x3x3x2	02958	10	280	398.70



Part No. ABS 417
Sanitary Tee with Right Side Inlet
(ALL HUB)

3x3x3x1½	12525	10	280	\$413.80
3x3x3x2	02961	10	280	398.70



Part No. ABS 418
Sanitary Tee with Right and Left
Side Inlets
(ALL HUB)

3x3x3x2x2	14216	10	280	\$560.60
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*ABS-DWV fittings not listed by IAPMO






⚠ WARNING

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

AIR/GAS

Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each	Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each
 <p>Part No. ABS 428 Double Sanitary Tee (ALL HUB)</p>					 <p>Part No. ABS 500 Double Fixture Fitting (ALL HUB)</p>				
1½	02964	25	1225	\$119.30	2	03007	20	560	\$242.20
2	02965	20	700	158.50	2x1½x1½x1½	03009	20	700	164.70
3	02966	20	240	415.00	2x1½x2x2	03010	20	560	254.10
4	02967	4	112	783.70	2x2x1½x1½	04894	20	700	187.10
 <p>Part No. ABS 429 Double Sanitary Tee, Reducing (ALL HUB)</p>					 <p>Part No. ABS 501 Combination Wye and 1/8 Bend (One Piece) (ALL HUB)</p>				
2x2x1½x1½	02968	20	980	\$113.30	1½	03012	50	900	\$108.70
3x3x1½x1½	02969	20	360	489.30	2	03013	20	560	110.70
3x3x2x2	02970	10	350	301.60	3	03014	10	180	262.80
4x4x2x2	02971	5	245	795.70	4	03015	10	120	549.40
4x4x3x3	02972	5	140	765.40	 <p>Part No. ABS 502 Combination Wye and 1/8 Bend, Reducing (One Piece) (ALL HUB)</p>				
 <p>Part No. ABS 441 Vent Tee (ALL HUB)</p>					 <p>Part No. ABS 502 Combination Wye and 1/8 Bend, Reducing (One Piece) (ALL HUB)</p>				
1½	02977	25	2000	\$127.20	2x1½x1½	03016	5	720	\$168.30
2	02978	25	1225	105.50	2x2x1½	03018	20	980	121.00
3	02979	10	490	351.40	3x3x1½	03019	15	420	297.20
 <p>Part No. ABS 444 X Cleanout Tee with Cleanout Plug (HxHxFPT)</p>					 <p>Part No. ABS 502 Combination Wye and 1/8 Bend, Reducing (One Piece) (ALL HUB)</p>				
1½	02986	10	1440	\$120.40	3x3x2	03020	10	350	170.70
2	02987	10	1120	131.90	4x4x2	03021	5	175	307.60
3	02988	10	490	241.30	4x4x3	03022	5	140	394.60
4	02989	5	175	509.60	 <p>Part No. ABS 600 Wye (ALL HUB)</p>				
 <p>Part No. ABS 445 Flush Cleanout Tee (HxHxFPT)</p>					 <p>Part No. ABS 600 Wye (ALL HUB)</p>				
1½	02990	20	2240	\$99.60	1½	03037	50	1400	\$75.80
2	02991	20	980	109.30	2	03038	25	700	90.60
3	02992	10	490	204.50	3	03039	20	240	194.90
4	02993	10	180	445.70	4	03040	5	140	396.30
 <p>Part No. ABS 448 Two-Way Cleanout (ALL HUB)</p>					 <p>Part No. ABS 601 Wye, Reducing (ALL HUB)</p>				
3*	03004	10	180	\$364.60	2x1½x1½	03042	25	1225	\$121.20
4*	03005	5	90	576.60	2x1½x2	03043	10	800	223.20
<p>*ABS-DWV fittings not listed by IAPMO</p>					 <p>Part No. ABS 601 Wye, Reducing (ALL HUB)</p>				
					2x2x1½	03044	25	1225	102.90
					3x3x1½	03045	15	525	187.60
					3x3x2	03046	25	400	136.90
					4x4x1½*	03047	5	175	645.60
					4x4x2	03048	10	180	252.90
					4x4x3	03049	10	160	342.10
					6x6x4*	03051	5	60	1,078.50

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	Part No. ABS 602 Wye, Street (SPG x H x H)					Part No. ABS 707 X P-Trap with Cleanout (H x H)			
1½	14292	50	1750	\$62.40	1½*	03092	10	1120	\$147.10
2	03055	30	840	157.50	2*	03093	10	560	420.60
3	03056	10	280	388.40					
4	14296	5	140	525.50					
	Part No. ABS 603 Wye, Street, Reducing (SPG x H x H)					Part No. ABS 708 P P-Trap (H x H with Plastic Nut)			
3x3x2*	03060	30	480	\$341.10	1½	03096	25	875	\$131.10
4x4x3	13464	10	160	608.10	2	03097	20	560	239.80
	Part No. ABS 611 Double Wye (ALL HUB)					Part No. ABS 708 X P-Trap (H x H with Chrome Nut)			
1½	03062	40	1120	\$213.00	1½	03098	25	1225	\$302.50
2	03063	20	560	254.30					
3	03064	15	180	571.50					
4	03065	5	80	1,119.00					
	Part No. ABS 612 Double Wye, Reducing (ALL HUB)					Part No. ABS 711 P L.A. Pattern P-Trap with Polyethylene Nut Furnished with 1½" and 1½" x 1¼" Polyethylene nut/washer combination. (SLIP x H with Plastic Nut)			
2x2x1½x1½	03066	10	560	\$242.70	1½	03102	25	700	\$208.60
3x3x2x2	03068	10	280	397.90					
4x4x3x3	03070	5	90	926.30					
	Part No. ABS 700 Return Bend (H x H)					Part No. ABS 711 W L.A. Pattern P-Trap with ABS Nut Furnished with a 1½" ABS nut, a 1½" washer and a 1½" x 1¼" washer (SLIP with Union x H)			
1½	03074	20	1600	\$92.10	1½ *	13281	25	700	\$251.40
2	03075	35	630	102.60					
3	03076	10	280	752.00					
4	03077	5	140	1,358.60					
	Part No. ABS 704 P Tail Piece Adapter with Plastic Nut and Packing Ring (SPG x SLIP)					Part No. ABS 720 X Drum Trap (H x H)			
1½	03081	25	3600	\$103.00	3x6x1½*	03106	15	420	\$367.40
	Part No. ABS 706 X P-Trap (H x H)					Part No. ABS 800 Closet Flange (H)			
1½	03084	25	1225	\$97.50	4x3	03108	25	700	\$113.60
2	03085	20	560	118.30	4x4	03109	25	700	113.60
3	03086	10	180	508.10					
4	03087	4	72	931.90					
						Part No. ABS 800 K Closet Flange with Knock Out (H)			
					4x3*	03110	25	700	\$138.50

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		Part No. ABS 800 S Closet Flange with Stop (H)					Part No. ABS 815 K Flush Closet Flange with Knockout (Fits Over 3" Pipe or Inside 4" Pipe)		
4x3	04197	25	700	\$114.30	4x4/4x3*	03125	25	700	\$322.40
		Part No. ABS 801 Closet Flange, Reducing (SPG)					Part No. ABS 820 Offset Closet Flange, Adjustable (with Metal Ring) (1 1/2" Offset) (H)		
4x3	03112	25	875	\$152.90	4x3*	03126	15	525	\$375.40
		Part No. ABS 808 Male Closet Flange (MPT)					Part No. ABS 820 P Offset Closet Flange, Adjustable (with ABS Plastic Ring) (1 1/2" Offset) (H)		
4x3	14294	25	700	\$116.30	4x3*	10193	15	525	\$605.20
		Part No. ABS 811 Closet Flange, Adjustable (with Metal Ring) (H)					Part No. ABS 824 Closet Flange, Adjustable (with Metal Ring and 4" Extended Spigot) (SPG)		
4x3	03116	25	700	\$268.30	4	03129	20	360	\$514.10
4x4	03117	25	700	244.40			Part No. ABS 900 Swivel Tray Plug Adapter with Washer (SPG x FPT)		
		Part No. ABS 811 P Closet Flange, Adjustable (with ABS Plastic Ring) (H)			1 1/2	04161	30	4320	\$98.40
4x3*	10189	25	700	\$359.70			Part No. ABS 900 X Swivel Tray Plug Adapter with Washer, Extended (SPG x FPT)		
4x4*	10190	25	700	366.70	1 1/2 *	13463	10	2880	\$126.30
		Part No. ABS 812 Closet Flange, Adjustable (with Metal Ring) (SPG)					Part No. ABS 910 Swivel Tray Plug Adapter with Washer (H x FPT)		
4x3	03120	25	875	\$292.80	1 1/2	04162	30	4320	\$111.20
4x4	03121	25	700	316.50					
		Part No. ABS 812 P Closet Flange, Adjustable (with ABS Plastic Ring) (SPG)							
4x3*	10191	25	875	\$424.80					
		Part No. ABS 815 Flush Closet Flange (Fits Over 3" Pipe or Inside 4" Pipe)							
4x4/4x3*	03124	25	875	\$317.20					

*ABS-DWV Fittings Not Listed by IAPMO

TERMS AND CONDITIONS OF SALE

Terms and Conditions of Sale can be found at https://charlottepipe.com/terms_and_conditions.aspx

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 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.

This Limited Warranty will not apply unless written notice of a claim is mailed to Charlotte Pipe at the address below within 30 days of discovery of the allegedly defective product.

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.

5/19/23

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

CHARLOTTE

PIPE AND FOUNDRY COMPANY®

PO BOX 35430

CHARLOTTE

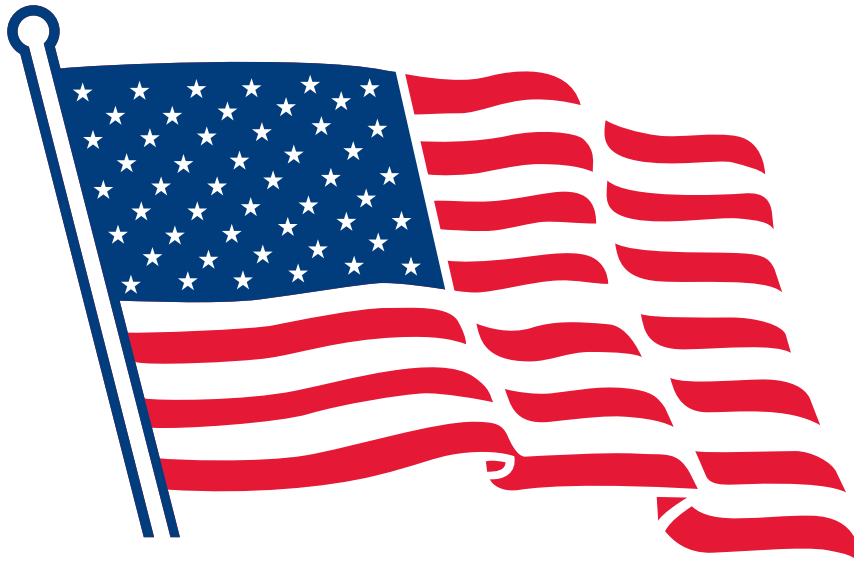
NORTH CAROLINA 28235

PHONE (704) 348-6450

(800) 438-6091

FAX (800) 553-1605

WWW.CHARLOTTEPIPE.COM



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

