

ABS DWV

List Price Schedule ABS-225
Effective February 1, 2025
(Updated February 2, 2026)
Supersedes Price Schedule ABS-724

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>> ABS Drain-Waste-Vent Fittings

For Non-Pressure Applications

ASTM D 2661

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 100 Coupling (HxH)					Part No. ABS 103 P Trap Adapter - Male (DWV SPG x Tubular SLIP with Washer & Polyethylene Nut)				
1 1/4 *	14212	100	4900	\$32.00	1 1/2x1 1/4 *	02719	75	6000	\$55.50
1 1/2	02701	100	5600	16.30	1 1/2	02720	50	5600	40.20
2	02702	100	4900	20.50	Part No. ABS 103 R Trap Adapter - Male with 1 1/2" Plastic Nut and Washers to Fit 1 1/2" and 1 1/4" Traps (DWV SPG x Tubular SLIP with Plastic Nut)				
3	02703	60	1080	61.40	1 1/2 *	12514	50	5600	\$45.10
4	02704	25	700	102.40	Part No. ABS 103 W Trap Adapter - Male (DWV SPG x Tubular SLIP with Washer & Plastic Nut)				
6	02705	15	180	429.30	1 1/2x1 1/4 *	13272	75	6000	\$61.30
Part No. ABS 101 Female Adapter (HxFPT)					1 1/2 *	12477	50	5600	47.30
1 1/2	02706	100	5600	\$28.00	2 *	12715	25	3600	154.10
2	02707	100	4900	44.10	Part No. ABS 103 X Trap Adapter - Male (DWV SPG x Tubular SLIP with Washer & Chrome Nut)				
3	02708	25	875	118.00	1 1/2x1 1/4 *	13273	100	8000	\$65.40
4	02709	10	560	134.80	1 1/2	02723	50	5600	76.80
6	02710	10	180	515.90	Part No. ABS 104 Trap Adapter - Female (DWV HxTubular SLIP)				
Part No. ABS 102 Pipe Increaser-Reducer (HxH)					1 1/2x1 1/4 *	02727	50	5600	\$46.70
1 1/2x2	02711	25	3600	\$43.60	1 1/2	02728	50	7200	37.50
1 1/2x3	02712	25	1400	129.30	H = Hub SPG = Spigot SLIP = Slip				
2x3	02713	20	1600	103.50	MPT = Male Pipe Thread FPT = Female Pipe Thread				
2x4	02714	10	800	215.60	You can't beat the system.®				
3x4	02715	20	1120	193.20					
Part No. ABS 103 Trap Adapter - Male (DWV SPG x Tubular SLIP)					Part No. ABS 104 Trap Adapter - Female (DWV HxTubular SLIP)				
1 1/2	02717	50	7200	\$40.10	*ABS-DWV Fittings Not Listed by IAPMO				
2	02718	25	3600	158.60	PO BOX 35430 CHARLOTTE, NORTH CAROLINA 28235 SALES PHONE (704) 348 6450 (800) 572 4199 TECHNICAL PHONE (800) 438 6091 FAX (800) 553 1605 WWW.CHALEOTTEPIPE.COM				

*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 104 P Trap Adapter - Female (DWV H x Tubular SLIP with Washer & Polyethylene Nut)					Part No. ABS 106 Cleanout Plug (MPT)			
1½x1¼*	02729	50	5600	\$49.40	1½	02753	50	7200	\$23.20
1½	02730	50	5600	42.20	2	02754	50	7200	25.30
	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)				2½*	02755	25	3600	77.50
1½*	04859	50	5600	\$46.10	3	02756	25	2800	41.20
	Part No. ABS 104 W Trap Adapter - Female (DWV H x Tubular SLIP with Washer & Plastic Nut)				3½	02757	30	3360	168.00
1½x1¼*	13276	50	5600	\$55.70	4	02758	20	1600	71.50
1½*	12476	50	5600	42.40	6*	02759	10	800	241.80
	Part No. ABS 104 X Trap Adapter - Female (DWV H x Tubular SLIP with Washer & Chrome Nut)					Part No. ABS 107 Flush Bushing (SPG x H)			
1½*	02732	50	5600	\$73.90	1½x1¼	02765	100	14400	\$94.00
1½x1¼	02731	50	5600	75.90	2x1¼ *	12526	50	7200	44.40
2	13278	50	5600	202.20	2x1½	02766	50	7200	24.80
	Part No. ABS 105 Fitting Cleanout Adapter (SPG x FPT)				3x1½	02767	25	2000	108.90
1½	02735	50	5600	\$34.40	3x2	02768	25	2000	68.20
2	02736	50	4000	47.60	4x2	02769	30	1470	202.30
3	02737	25	1225	120.00	4x3	02770	30	1470	107.20
4	02738	10	560	224.80	6x4	02771	10	490	568.40
	Part No. ABS 105 X Fitting Cleanout Adapter with Cleanout Plug (SPG x FPT)					Part No. ABS 108 Flush Bushing (SPG x FPT)			
1½	02741	50	4000	\$57.60	2x1½	02775	50	7200	\$83.30
2	02742	50	2800	72.90		Part No. ABS 109 Male Adapter (Will not accept a tail piece) (MPT x H)			
3	02743	25	1125	161.30	1½	02782	50	7200	\$23.80
4	02744	10	560	296.30	2	02784	50	5600	41.60
	Part No. ABS 110 Flush Cleanout Plug (MPT)				3	02785	25	1400	111.60
2	02787	25	7200	\$120.50	4	02786	25	875	226.40
	Part No. ABS 111 Male Fitting Adapter (SPG x MPT)					Part No. ABS 110 Flush Cleanout Plug (MPT)			
1½	02793	50	7200	\$68.60	2	14302	25	3600	141.70
2									

*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	\$63.50	2x2	02812	20	1600	\$273.30
	Part No. ABS 114 Threaded Cap (FPT)				4x4	14213	20	1600	402.80
1½	02796	15	5400	\$47.40		Part No. ABS 130 Repair Coupling (H x H)			
	Part No. ABS 116 Cap (SOCKET)				1½ *	02826	25	3600	\$108.10
1½	02797	10	2880	\$54.20	2*	02827	25	3600	57.60
2	02798	5	1800	74.90	3*	02828	10	1120	143.20
3	02799	10	1440	154.80	4*	02829	5	560	275.10
4	02800	6	672	151.40		Part No. 131** Test Cap			
6 ^(F)	14303	5	175	345.80	1½ *				**
	Part No. ABS 117 Adapter Coupling (Adapts S&D Spigot to DWV Spigot) (H x H)				2*				**
4x3	02801	20	1120	\$151.70	3*				**
4x4	12865	20	1120	271.50	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	20	2240	\$97.20	1½	02840	100	2800	\$31.70
4	02803	10	1440	111.10	2	02841	50	1400	48.80
	Part No. ABS 119 No-Hub Adapter (SPG x H) (Adapts Cast Iron NH Spigot to DWV Spigot)				3	02842	25	450	122.90
2	02805	25	2800	\$83.10	4	02843	10	180	252.20
3	02807	20	1600	154.40	6	02844	5	60	1,075.20
	Part No. ABS 122 Spigot Adapter, Cast Iron (H x H) (Adapts Cast Iron Spigot to DWV Spigot)					Part No. ABS 300 R 1/4 Bend, Reducing (H x H)			
2x2	02810	10	1440	\$214.30	2x1½ *	04195	10	1440	\$210.10
4x4	02811	15	420	383.60		Part No. ABS 300 S 1/4 Bend with Side Inlet (H x H)			
					3x3x2*	02846	10	350	\$349.40

^(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	\$40.70	1½	02871	40	3200	\$175.50
2	02851	50	1750	68.30	2	02872	25	2000	173.70
3	02852	15	420	149.90	3	02873	20	700	497.50
4	02853	10	180	299.90					
	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	\$206.60	1½	02875	100	3500	\$29.10
4x4x2	14214	15	180	605.50	2	02876	50	1750	44.90
	Part No. ABS 304 Long Sweep 1/4 Bend (H x H)				3	02877	20	560	107.60
1½	02858	50	1750	\$56.20	4	02878	10	280	202.10
2	02859	20	980	68.30	6	02879	3	84	899.90
3	02860	10	350	167.20					
4	02861	5	175	285.50		Part No. ABS 323 1/8 Bend, Street (SPG x H)			
	Part No. ABS 307 Long Sweep 1/4 Bend with Low Heel Inlet (ALL HUB)				1½	02880	100	3500	\$36.20
3x3x1½*	13469	25	300	\$409.90	2	02881	50	1750	48.00
3x3x2	13280	25	300	327.40	3	02882	20	700	118.60
	Part No. ABS 309 Long Sweep 1/4 Bend, Street (H x SPG)				4	02883	10	280	205.50
1½	04193	50	2450	\$71.30	6	02884	3	84	1,128.10
2	04191	20	980	88.00					
3	02864	20	360	301.80		Part No. ABS 324 1/16 Bend (H x H)			
	Part No. ABS 310 1/4 Bend, Street with Low Heel Inlet (H x SPG x H)				1½	02886	50	4000	\$42.30
3x3x2	02865	15	420	\$296.50	2	02887	25	2000	48.30
	Part No. ABS 319 1/6 Bend (H x H)				3	02888	20	700	124.00
1½	02867	40	3200	\$55.90	4	02889	15	420	188.70
2	02868	25	1400	79.30	6	02890	3	84	2,249.80
3	02869	20	560	254.70					
4	02870	10	280	384.50		Part No. ABS 326 1/16 Bend, Street (SPG x H)			
					1½	02891	50	4000	\$120.50
					2	02892	20	2240	108.90
					3	02893	20	700	184.70
					4	02894	15	420	322.50
						Part No. ABS 327 Double 1/4 Bend (ALL HUB)			
					1½*	02896	20	1600	\$151.40
					2*	02897	25	875	189.80
					2x1½x1½*	02898	25	1400	207.20
					3*	02899	10	280	701.10

*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 329 Closet Bend, Reducing (H x H)					Part No. ABS 401 Sanitary Tee, Reducing (ALL HUB)			
3x4	02900	10	280	\$189.80	2x1½x1½	02932	25	1225	\$64.30
	Part No. ABS 330 Closet Bend, Reducing (H x SPG)				2x1½x2	02933	25	875	72.30
3x4	02901	10	280	\$332.80	2x2x1½	02934	50	900	62.80
	Part No. ABS 330 X Closet Bend, Reducing with Test Cap (H x SPG)				3x3x1½	02935	20	560	135.20
3x4*	02902	10	280	\$360.00	3x3x2	02936	10	490	156.30
	Part No. ABS 331 Vent Ell (H x H)				4x4x2	02938	10	280	374.90
1½	02904	20	2880	\$56.70	4x4x3	02939	10	180	383.90
2	02905	30	1680	94.00	6x6x4*	02940	6	72	1,972.10
	Part No. ABS 333 Vent Ell, Street (H x SPG)					Part No. ABS 403 Sanitary Tee, Street (SPG x H x H)			
1½	02907	25	2800	\$56.70	1½	02942	20	1600	\$116.40
2	02908	20	1600	87.60	2	02943	25	875	157.60
	Part No. ABS 400 Sanitary Tee (ALL HUB)				3	02944	30	360	270.00
1½	02927	100	1800	\$46.90	4	02945	10	160	822.10
2	02928	35	980	72.20		Part No. ABS 404 Sanitary Tee, Street, Reducing (SPG x H x H)			
3	02929	30	360	196.30	2x1½x1½	02946	25	1225	\$117.10
4	02930	5	140	349.10	2x1½x2	02947	25	875	194.00
6	02931	6	72	1,741.20	2x2x1½	02948	50	1400	125.90
	Part No. ABS 416 Sanitary Tee with Left Side Inlet (ALL HUB)				3x3x1½	02949	10	490	386.40
	Part No. ABS 417 Sanitary Tee with Right Side Inlet (ALL HUB)				3x3x2	02950	20	560	322.70
	Part No. ABS 416 Sanitary Tee with Left Side Inlet (ALL HUB)					Part No. ABS 416 Sanitary Tee with Left Side Inlet (ALL HUB)			
3x3x3x1½	14215	10	280	\$463.40	3x3x3x2	02958	10	280	446.40
	Part No. ABS 417 Sanitary Tee with Right Side Inlet (ALL HUB)					Part No. ABS 417 Sanitary Tee with Right Side Inlet (ALL HUB)			
3x3x3x1½	12525	10	280	\$463.40	3x3x3x2	02961	10	280	446.40
	Part No. ABS 418 Sanitary Tee with Right and Left Side Inlets (ALL HUB)					Part No. ABS 418 Sanitary Tee with Right and Left Side Inlets (ALL HUB)			
3x3x3x2x2	14216	10	280	\$627.80		Part No. ABS 418 Sanitary Tee with Right and Left Side Inlets (ALL HUB)			

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.



*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 428 Double Sanitary Tee (ALL HUB)					Part No. ABS 500 Double Fixture Fitting (ALL HUB)			
1½	02964	25	1225	\$133.60	2	03007	10	350	\$271.30
2	02965	20	700	177.50	2x1½x1½x1½	03009	20	700	184.40
3	02966	20	240	464.70	2x1½x2x2	03010	20	560	284.50
4	02967	4	112	877.60	2x2x1½x1½	04894	20	700	209.50
	Part No. ABS 429 Double Sanitary Tee, Reducing (ALL HUB)				3*	03008	10	160	627.30
2x2x1½x1½	02968	20	700	\$126.80	3x2x3x3*	03011	10	160	751.20
3x3x1½x1½	02969	20	360	547.90		Part No. ABS 501 Combination Wye and 1/8 Bend (One Piece) (ALL HUB)			
3x3x2x2	02970	10	350	337.80	1½	03012	50	900	\$121.70
4x4x2x2	02971	5	245	891.10	2	03013	20	560	124.00
4x4x3x3	02972	5	140	857.20	3	03014	10	180	294.30
	Part No. ABS 441 Vent Tee (ALL HUB)				4	03015	10	120	615.30
1½	02977	25	2000	\$142.40		Part No. ABS 502 Combination Wye and 1/8 Bend, Reducing (One Piece) (ALL HUB)			
2	02978	25	1225	118.10	2x1½x1½	03016	5	720	\$188.40
3	02979	10	490	393.50	2x2x1½	03018	20	980	135.50
	Part No. ABS 444 X Cleanout Tee with Cleanout Plug (HxHxFPT)				3x3x1½	03019	15	420	332.80
1½	02986	10	1440	\$134.80	3x3x2	03020	10	350	191.20
2	02987	10	1120	147.70	4x4x2	03021	5	175	344.40
3	02988	10	490	270.20	4x4x3	03022	5	140	441.90
4	02989	5	175	570.60		Part No. ABS 600 Wye (ALL HUB)			
	Part No. ABS 445 Flush Cleanout Tee (HxHxFPT)				1½	03037	50	1400	\$84.80
1½	02990	20	2240	\$111.60	2	03038	25	700	101.50
2	02991	20	980	122.40	3	03039	20	240	218.20
3	02992	10	490	229.10	4	03040	5	140	443.80
4	02993	10	180	499.10	6	03041	4	48	1,335.20
	Part No. ABS 448 Two-Way Cleanout (ALL HUB)					Part No. ABS 601 Wye, Reducing (ALL HUB)			
3*	03004	10	180	\$408.30	2x1½x1½	03042	25	1225	\$135.70
4*	03005	5	90	645.70	2x1½x2	03043	10	800	249.90
*ABS-DWV fittings not listed by IAPMO									

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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	\$69.90	1½*	03092	10	800	\$164.70
2	03055	30	840	176.40	2*	03093	10	490	470.90
3	03056	10	280	434.90					
4	14296	5	140	588.40		Part No. ABS 708 P P-Trap (H x H with Plastic Nut)			
	Part No. ABS 603 Wye, Street, Reducing (SPG x H x H)				1½	03096	20	980	\$146.80
3x3x2*	03060	30	480	\$382.00	2	03097	15	420	268.50
4x4x3	13464	10	160	680.90		Part No. ABS 708 X P-Trap (H x H with Chrome Nut)			
	Part No. ABS 611 Double Wye (ALL HUB)				1½	03098	25	875	\$338.70
1½	03062	25	875	\$238.50		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)			
2	03063	20	560	284.70	1½	03102	25	700	\$233.60
3	03064	15	180	640.00		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)			
4	03065	5	80	1,253.10	1½ *	13281	25	700	\$281.50
	Part No. ABS 612 Double Wye, Reducing (ALL HUB)					Part No. ABS 720 X Drum Trap (H x H)			
2x2x1½x1½	03066	10	560	\$271.80	3x6x1½*	03106	15	420	\$411.50
3x3x2x2	03068	8	224	445.60		Part No. ABS 800 Closet Flange (H)			
4x4x3x3	03070	5	90	1,037.30	4x3	03108	25	700	\$127.30
	Part No. ABS 700 Return Bend (H x H)				4x4	03109	25	700	127.30
1½	03074	20	1600	\$103.20		Part No. ABS 800 K Closet Flange with Knock Out (H)			
2	03075	35	630	114.80	4x3*	03110	25	700	\$155.10
3	03076	10	280	842.10					
4	03077	5	140	1,521.40					
	Part No. ABS 704 P Tail Piece Adapter with Plastic Nut and Packing Ring (SPG x SLIP)								
1½	03081	25	3600	\$115.40					
	Part No. ABS 706 X P-Trap (H x H)								
1½	03084	25	1225	\$109.20					
2	03085	20	560	132.50					
3	03086	10	180	568.90					
4	03087	4	72	1,043.60					

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Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each	Size	UPC# 611942-	No. Per Carton	No. Per Pallet	List Price Each
									
4x3	04197	25	700	\$128.00	4x4/4x3*	03125	25	700	\$361.10
									
4x3	03112	25	875	\$171.30	4x3*	03126	15	525	\$420.40
									
4x3	14294	25	700	\$130.20	4x3*	10193	15	525	\$677.70
									
4x3	03116	25	700	\$300.40	4	03129	20	360	\$575.70
4x4	03117	25	700	273.70					
									
4x3	03120	25	875	\$327.90	1 1/2	04161	30	4320	\$110.20
4x4	03121	25	700	354.40					
									
4x3*	10191	25	875	\$475.70	1 1/2 *	13463	10	2880	\$141.50
									
4x4/4x3*	03124	25	875	\$355.20	1 1/2	04162	30	4320	\$124.50

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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.

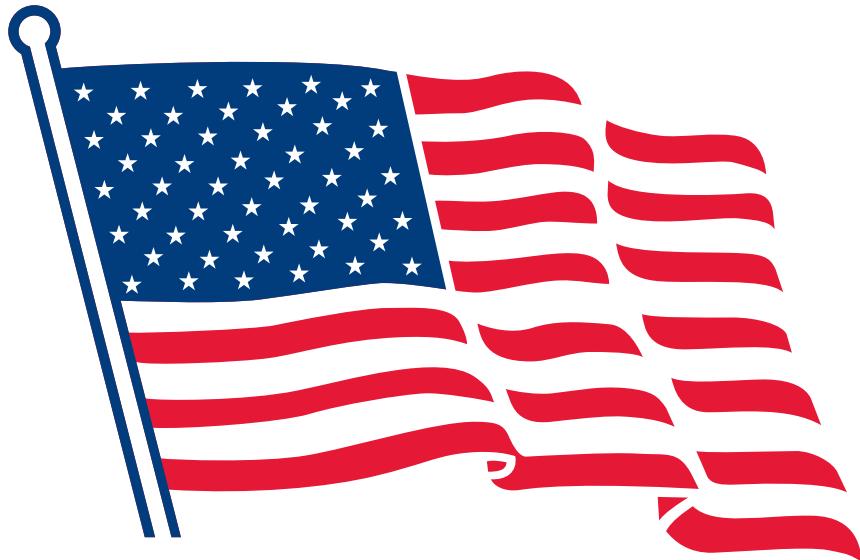
5/19/23

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

CHARLOTTE

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

