

PVC Schedule 80

List Price Schedule PVC 80-521
Effective May 3, 2021
Supersedes Price Schedule PVC 80-321

Possession of this price list shall not be construed as an offer to sell the products listed.
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>> PVC Schedule 80 Fittings

ASTM D 1784
ASTM D 2464 & D 2467

Size	Universal Part No.	UPC # 611942-	Carton Qty	List Price Each	Size	Universal Part No.	UPC # 611942-	Carton Qty	List Price Each
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Part No. PVC 8400 Tee
[SxSxS]

1/2	801-005	05393	25	\$15.36
3/4	801-007	05394	15	16.11
1	801-010	05395	15	20.15
1 1/4	801-012	05396	10	55.37
1 1/2	801-015	05397	10	55.37
2	801-020	05398	10	69.23
2 1/2	801-025	05399	10	75.27
3	801-030	05400	5	94.06
4	801-040	05401	5	109.56
6	801-060	07892	4	372.14
8	801-080	07553	2	863.12
10	801-100	14893	-	*
12	801-120	14894	-	*

* See Charlotte Pipe PVC 80 Large Diameter List Price Sheet

S = SOCKET

SPG = SPIGOT

MPT = MALE PIPE THREAD

FPT = FEMALE PIPE THREAD



Part No. PVC 8400 Reducing Tee
[SxSxS]

3/4 x 3/4 x 1/2	801-101	07882	15	\$11.80
1 x 1 x 1/2	801-130	11424	15	17.02
1 x 1 x 3/4	801-131	07883	15	17.02
1 1/4 x 1 1/4 x 1	801-168	07884	15	36.97
1 1/2 x 1 1/2 x 3/4	801-210	11425	10	36.97
1 1/2 x 1 1/2 x 1	801-211	07885	10	36.97
1 1/2 x 1 1/2 x 1 1/4	801-212	07886	10	37.26
2 x 2 x 1/2	801-247	11426	10	46.82
2 x 2 x 3/4	801-248	11427	10	46.82
2 x 2 x 1	801-249	07887	10	46.82
2 x 2 x 1 1/2	801-251	07888	10	46.82
3 x 3 x 2	801-338	07889	5	85.84
4 x 4 x 2	801-420	10344	5	139.44
4 x 4 x 3	801-422	07890	5	138.71
6 x 6 x 2	801-528	10342	5	363.64
6 x 6 x 4	801-532	07891	4	372.14
8 x 8 x 6	801-585	09760	2	869.96



Part No. PVC 8401 Tee
[SxSxFPT]

1/2	802-005	09143	20	\$24.32
3/4	802-007	09145	15	31.45
1	802-010	09146	15	36.80

You can't beat the system.®

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Part No. PVC 8402
Tee
(FPT x FPT x FPT)

½	805-005	07611	20	\$17.77
¾	805-007	07612	15	19.78
1	805-010	07613	10	43.87
1¼	805-012	07614	10	46.65
1½	805-015	07615	10	56.10
2	805-020	07616	10	60.30
3	805-030	09746	5	231.14
4	805-040	09747	5	375.65



Part No. PVC 8300
90 Degree Elbow
(S x S)

½	806-005	05375	25	\$5.47
¾	806-007	05376	20	7.01
1	806-010	05377	10	11.28
1¼	806-012	05378	10	15.01
1½	806-015	05379	15	16.17
2	806-020	05380	15	19.56
2½	806-025	05381	5	45.74
3	806-030	05382	5	51.14
4	806-040	05383	4	77.76
6	806-060	07524	4	221.30
8	806-080	07873	2	609.94
10	806-100	14888	-	*
12	806-120	14889	-	*



Part No. PVC 8301
90 Degree Elbow
(S x FPT)

½	807-005	09718	20	\$21.44
¾	807-007	09719	20	25.21
1	807-010	09720	10	27.29
1¼	807-012	09721	10	31.68
1½	807-015	09732	10	37.52
2	807-020	09733	10	48.60



Part No. PVC 8302
90 Degree Elbow
(FPT x FPT)

½	808-005	07596	20	\$12.61
¾	808-007	07597	15	15.72
1	808-010	07598	10	19.78
1¼	808-012	07599	10	21.43
1½	808-015	07600	10	30.37
2	808-020	07601	10	34.04
3	808-030	09738	5	215.44
4	808-040	09739	5	379.04



Part No. PVC 8309
45 Degree Elbow
(S x S)

½	817-005	05384	20	\$10.26
¾	817-007	05385	25	15.68
1	817-010	05386	15	23.49
1¼	817-012	05387	10	29.95
1½	817-015	05388	10	35.39
2	817-020	05389	10	45.89
2½	817-025	05390	5	96.35
3	817-030	05391	5	117.28
4	817-040	05392	5	211.17
6	817-060	07876	5	265.94
8	817-080	07877	2	576.57
10	817-100	14891	-	*
12	817-120	14892	-	*

* See Charlotte Pipe PVC 80 Large Diameter List Price Sheet



Size	Universal Part No.	UPC # 611942-	Carton Qty	List Price Each	Size	Universal Part No.	UPC # 611942-	Carton Qty	List Price Each
 <p>Part No. PVC 8312 45 Degree Elbow (FPT x FPT)</p>					 <p>Part No. PVC 8100 Reducer Coupling (S x S)</p>				
½	819-005	07605	20	\$20.35	¾ x ½	829-101	05344	10	\$12.09
¾	819-007	07606	10	21.97	1 x ½	829-130	05345	10	16.87
1	819-010	07607	10	27.51	1 x ¾	829-131	05346	10	17.57
1¼	819-012	07608	10	41.87	1¼ x 1	829-168	05347	10	35.73
1½	819-015	07609	10	52.81	1½ x 1	829-211	05348	10	37.39
2	819-020	07610	10	78.26	1½ x 1¼	829-212	05349	10	46.21
3	819-030	09749	5	249.07	2 x 1	829-249	05350	10	42.19
 <p>Part No. PVC 8600 Wye (S x S x S)</p>					 <p>Part No. PVC 8102 Coupling (FPT x FPT)</p>				
1½†	875-015	11433	20	\$58.63	½	830-005	07587	25	\$11.02
2†	875-020	11434	10	168.26	¾	830-007	07588	25	15.74
3†	875-030	11435	5	536.61	1	830-010	07589	15	16.90
4§	875-040	11436	4	664.88	1¼	830-012	07590	10	20.90
6§	875-060	11437	3	908.10	1½	830-015	07591	10	46.49
<p>† Maximum pressure rating 250 psi at 73°F § Maximum pressure rating 150 psi at 73°F</p>					 <p>Part No. PVC 8100 Coupling (S x S)</p>				
½	829-005	05335	25	\$9.86	2	830-020	07592	10	48.83
¾	829-007	05336	25	13.40	3	830-030	09755	5	137.74
1	829-010	05337	20	13.78	4	830-040	09756	5	238.49
1¼	829-012	05338	10	20.90	6	829-060	07495	4	184.31
1½	829-015	05339	10	22.53	8	829-080	07496	2	250.82
2	829-020	05340	10	24.32	10	829-100	14883	-	*
2½	829-025	05341	5	59.56	12	829-120	14884	-	*
3	829-030	05342	5	68.38					
4	829-040	05343	5	85.64					
6	829-060	07495	4	184.31					
8	829-080	07496	2	250.82					
10	829-100	14883	-	*					
12	829-120	14884	-	*					

* See Charlotte Pipe PVC 80 Large Diameter List Price Sheet

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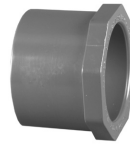
**Part No. PVC 8101
Female Adapter
[S x FPT]**

1/2	835-005	07498	25	\$9.22
3/4	835-007	07499	15	13.73
1	835-010	07500	15	20.22
1 1/4	835-012	07501	10	32.77
1 1/2	835-015	07502	10	40.15
2	835-020	07503	10	70.06
2 1/2	835-025	07504	5	110.62
3	835-030	07505	5	124.50
4	835-040	07506	5	214.01



**Part No. PVC 8109
Male Adapter
[S x MPT]**

1/2	836-005	07808	25	\$11.53
3/4	836-007	07812	25	12.79
1	836-010	07814	10	22.11
1 1/4	836-012	07816	10	25.72
1 1/2	836-015	07818	10	36.97
2	836-020	07819	10	53.74
2 1/2	836-025	07821	5	60.76
3	836-030	07823	5	67.44
4	836-040	07827	5	120.00



**Part No. PVC 8107
Reducer Bushing (Flush Style)
[SPG x S]**

3/4 x 1/2	837-101	05355	50	\$3.18
1 x 1/2	837-130	07593	50	9.11
1 x 3/4	837-131	05357	50	9.11
1 1/4 x 1/2	837-166	10348	25	14.27
1 1/4 x 3/4	837-167	10347	25	14.27
1 1/4 x 1	837-168	05358	25	14.27
1 1/2 x 1/2	837-209	07594	20	19.44
1 1/2 x 3/4	837-210	07595	20	19.44
1 1/2 x 1	837-211	05359	20	19.44
1 1/2 x 1 1/4	837-212	05360	25	19.44
2 x 1/2	837-247	10346	10	27.71
2 x 3/4	837-248	10345	10	27.71
2 x 1	837-249	07755	10	27.71
2 x 1 1/4	837-250	07760	10	27.71
2 x 1 1/2	837-251	05362	10	27.71
2 1/2 x 1	837-289	11411	10	64.38
2 1/2 x 1 1/4	837-290	11412	10	48.52
2 1/2 x 1 1/2	837-291	07762	10	48.14
2 1/2 x 2	837-292	07765	10	48.14
3 x 1	837-335	11413	10	77.00
3 x 1 1/4	837-336	11414	10	77.00
3 x 1 1/2	837-337	07793	10	76.38
3 x 2	837-338	05363	10	76.38
3 x 2 1/2	837-339	09534	10	76.38
4 x 2	837-420	08374	10	105.74
4 x 3	837-422	05365	10	105.74
6 x 3	837-530	07794	5	147.02
6 x 4	837-532	07795	5	147.02
8 x 6	837-585	09272	4	357.69
10 x 8	837-628	14885	-	*
12 x 10	837-670	14887	-	*

* See Charlotte Pipe PVC 80 Large Diameter List Price Sheet

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Part No. PVC 8108
Reducer Bushing (Flush Style)
(SPG x FPT)

3/4 x 1/2	838-101	07391	50	\$5.73
1 x 1/2	838-130	07796	40	9.11
1 x 3/4	838-131	07392	40	9.11
1 1/4 x 3/4	838-167	11415	25	18.49
1 1/4 x 1	838-168	07507	25	18.49
1 1/2 x 1/2	838-209	11416	25	23.16
1 1/2 x 3/4	838-210	07797	25	23.16
1 1/2 x 1	838-211	07508	15	23.16
1 1/2 x 1 1/4	838-212	07509	15	23.16
2 x 1/2	838-247	11417	25	28.55
2 x 3/4	838-248	07798	10	28.31
2 x 1	838-249	07510	10	28.31
2 x 1 1/4	838-250	07511	10	28.31
2 x 1 1/2	838-251	07512	10	28.31
2 1/2 x 2	838-292	07514	10	60.46
3 x 2	838-338	07515	5	111.02
3 x 2 1/2	838-339	09512	10	111.94
4 x 2	838-420	11418	6	171.93
4 x 3	838-422	07799	6	170.56



Part No. PVC 8200
Reducer Bushing (Flush Style)
(MPT x FPT)

3/4 x 1/2	839-101	07831	50	\$12.20
1 x 1/2	839-130	07845	50	19.12
1 x 3/4	839-131	07850	50	19.12
1 1/4 x 3/4	839-167	11419	50	20.28
1 1/4 x 1	839-168	07852	25	20.28
1 1/2 x 1/2	839-209	11420	25	24.21
1 1/2 x 3/4	839-210	07949	25	24.03
1 1/2 x 1	839-211	07854	20	24.03
1 1/2 x 1 1/4	839-212	07857	20	24.03
2 x 1/2	839-247	11421	25	35.19
2 x 3/4	839-248	07950	25	35.19
2 x 1	839-249	07861	10	35.19
2 x 1 1/4	839-250	11422	25	35.19
2 x 1 1/2	839-251	07863	10	35.19
2 1/2 x 2	839-292	07866	10	47.67
3 x 2	839-338	07871	10	64.80
4 x 2	839-420	11423	10	133.56



Part No. PVC 8116
Cap
(SOCKET)

1/2	847-005	05366	25	\$9.65
3/4	847-007	05367	25	10.17
1	847-010	05368	25	18.09
1 1/4	847-012	05369	10	21.80
1 1/2	847-015	05370	10	21.80
2	847-020	05371	10	43.05
2 1/2	847-025	05372	5	87.91
3	847-030	05373	5	102.87
4	847-040	05374	5	173.48
6	847-060	07516	4	431.54
8	847-080	07517	3	554.05

WARNING

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

AIR/GAS



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

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**Part No. PVC 8117
Cap
(FPT)**

½	848-005	07518	25	\$12.09
¾	848-007	07519	25	13.51
1	848-010	07520	15	17.02
1¼	848-012	07521	10	20.28
1½	848-015	07522	10	23.16
2	848-020	07523	10	45.49
3	848-030	09694	5	107.99
4	848-040	09692	5	190.16



**Part No. PVC 8113
Plug
(MPT)**

½	850-005	09312	25	\$9.30
¾	850-007	09313	25	9.65
1	850-010	09314	15	11.84
1¼	850-012	09315	10	17.45
1½	850-015	09316	10	21.19
2	850-020	09317	10	21.76



**Part No. PVC 8500
Flange (One Piece)**
(SOCKET)**

½	851-005	09332	25	\$30.09
¾	851-007	09333	25	32.17
1	851-010	09334	15	35.53
1¼	851-012	09335	15	36.88

** See Charlotte Pipe® Plastics Technical Manual for pressure rating.



**Part No. PVC 8560
Flange (One Piece)**
(FPT)**

½	852-005	09340	25	\$36.01
¾	852-007	09341	25	42.20
1	852-010	09342	15	45.84
1¼	852-012	09343	15	63.71
1½	852-015	09344	15	69.53
2	852-020	09345	10	70.55



Part No. PVC 8510
Blind Flange**

2	853-020	11428	10	\$124.90
3	853-030	11429	5	245.54
4	853-040	11430	5	305.88
6	853-060	11431	5	371.71
8	853-080	11432	5	465.27



**Part No. PVC 8530
Van Stone Flange**
(SOCKET)**

1½	854-015	07393	20	\$37.32
2	854-020	07525	10	49.71
2½	854-025	07526	10	76.77
3	854-030	07527	10	84.84
4	854-040	07528	5	107.87
6	854-060	07529	5	168.80
8	854-080	07530	2	276.33
10	854-100	09352	2	*
12	854-120	09353	2	*

* See Charlotte Pipe PVC 80 Large Diameter List Price Sheet

** See Charlotte Pipe® Plastics Technical Manual for pressure rating.

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Part No. PVC 8700**
Union With Viton® O-Ring Seal
(SxS)

½	857-005	09152	10	\$20.32
¾	857-007	09153	10	25.70
1	857-010	09154	10	29.31
1¼	857-012	09155	5	58.24
1½	857-015	09156	5	65.94
2	857-020	09157	5	89.38
3	857-030	09158	5	166.47



Part No. PVC 8800**
Union With Viton® O-Ring Seal
(FPT x FPT)

½	858-005	09172	10	\$23.56
¾	858-007	09173	10	33.01
1	858-010	09174	10	43.67
1¼	858-012	09175	5	83.77
1½	858-015	09176	5	104.00
2	858-020	09177	5	160.02
3	858-030	09178	5	404.82



Part No. PVC 8820**
Union With Viton® O-Ring Seal
(Sx FPT)

½	859-005	11456	10	\$24.76
¾	859-007	11457	10	34.61
1	859-010	11458	10	46.16
1½	859-015	11460	5	108.85
2	859-020	11461	5	167.59



Part No. PVC 8710**
Union With EPDM O-Ring Seal
(SxS)

½	897-005	09224	10	\$20.03
¾	897-007	09225	10	25.36
1	897-010	09226	10	29.04
1¼	897-012	09227	5	57.53
1½	897-015	09228	5	65.11
2	897-020	09229	5	88.35
3	897-030	09230	5	164.38



Part No. PVC 8810**
Union With EPDM O-Ring Seal
(FPT x FPT)

½	898-005	09238	10	\$23.29
¾	898-007	09239	10	32.39
1	898-010	09240	10	43.16
1¼	898-012	09241	5	82.28
1½	898-015	09242	5	101.87
2	898-020	09243	5	156.77
3	898-030	09244	5	400.87



Part No. PVC 8830**
Union With EPDM O-Ring Seal
(Sx FPT)

½	899-005	11469	10	\$24.44
¾	899-007	11463	10	34.19
1	899-010	11464	10	45.47
1¼	899-012	11465	5	86.89
1½	899-015	11466	5	107.55
2	899-020	11467	5	165.95

** See Charlotte Pipe® Plastics Technical Manual for pressure rating.

STANDARDS AND SPECIFICATIONS

NSF STANDARD 14
NSF STANDARD 61
ASTM D 1784 - PVC MATERIAL
ASTM D 2467 - PVC SCHEDULE 80 SOCKET FITTINGS
ASTM D 2464 or D 2467 - PVC SCHEDULE 80 THREADED FITTINGS
ASTM F 1970 - UNIONS AND FLANGES
ANSI B16.5 - FLANGE BOLT HOLE PATTERNS

RECOMMENDATIONS FOR INSTALLERS:

Plastic piping systems should be engineered and installed in accordance with established standards and procedures. Suitability for the intended service application should be determined prior to installation.

SOLVENT WELD CONNECTIONS

Use a quality grade of primer and solvent cement formulated for the type of connection, with the correct size applicator. Read and follow all of the solvent cement manufacturer's application instructions.

THREADED CONNECTIONS

Use a quality grade of Teflon® tape. The use of Teflon® paste, pipe joint compounds, or other thread lubricants is not recommended as they may contain substances that are harmful to plastics.

1 to 1½ turns beyond finger tight is generally all that is required to make a sound plastic threaded connection. Unnecessary over-tightening will cause damage to both pipe and fitting.

Note: Refer to Charlotte Pipe and Foundry Company's Plastics Technical Manual for complete installation instructions.

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.

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.

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.

4/20/21