

# PVC Large Diameter DWV

List Price Schedule PVC-LD-224  
Effective February 7, 2024  
(Updated May 8, 2024)  
Supersedes Price Schedule PVC-LD-823

Possession of this price list shall not be construed as an offer to sell the products listed.  
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ASTM D 2665 &  
ASTM F 1866

## >> PVC Large Diameter 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. PVC 100  
Coupling  
(H x H)**

8	03194	6	72	*
10	03195	-	-	\$615.00
12	03196	-	-	1,047.50
14 <sup>(F)</sup>	12190	-	-	1,611.40
16 <sup>(F)</sup>	12191	-	-	1,797.40



**Part No. PVC 101  
Female Adapter  
(FPT x H)**

8	11342	6	72	*
10 <sup>(F)</sup>	12192	-	-	\$2,665.10
12 <sup>(F)</sup>	12193	-	-	3,866.30

<sup>(F)</sup> Fabricated

\* See standard PVC-DWV fitting price sheet.

\*\* Assembled from two molded components.

**Note: N = non-stock item – contact customer service for availability.**

**! 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.

AIR/GAS

- 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 PPSA's website and ASTM D 1785.



**Part No. PVC 101 X  
Female Adapter with Cleanout Plug  
(H)**

8	12269	5	80	*
10 <sup>(F)</sup>	12267	-	-	\$3,855.10 N
12 <sup>(F)</sup>	12268	-	-	5,633.10 N



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

4x8	11343	2	70	*
4x10**	11344	-	-	\$984.60
4x12**	12184	-	-	1,491.70
4x14 <sup>(F)</sup>	12199	-	-	2,407.80 N
4x16 <sup>(F)</sup>	12178	-	-	2,871.80 N
6x8	11123	2	70	*
6x10	11124	-	-	1,015.70
6x12**	11345	-	-	1,744.30
6x14 <sup>(F)</sup>	12195	-	-	2,750.30 N
6x16 <sup>(F)</sup>	12198	-	-	3,412.30 N
8x10	10012	-	-	1,046.80
8x12	10014	-	-	1,831.50
8x14 <sup>(F)</sup>	12175	-	-	2,436.80
8x16 <sup>(F)</sup>	12179	-	-	2,957.20 N
10x12	10015	-	-	1,923.00
10x14 <sup>(F)</sup>	12176	-	-	3,251.40 N
10x16 <sup>(F)</sup>	12177	-	-	3,832.20 N
12x14 <sup>(F)</sup>	12194	-	-	3,414.00
12x16 <sup>(F)</sup>	12196	-	-	3,623.00
14x16 <sup>(F)</sup>	12197	-	-	3,758.10

H = Hub

MPT = Male Pipe Thread

SPG = Spigot

FPT = Female Pipe Thread

**You can't beat the system.®**

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**Part No. PVC 105**  
**Fitting Cleanout Adapter**  
(S x FPT)

8	12180	5	80	*
10 <sup>(F)</sup>	10175	-	-	<b>\$2,486.40</b>
12 <sup>(F)</sup>	10176	-	-	<b>3,611.90</b>



**Part No. PVC 105 X**  
**Fitting Cleanout Adapter with**  
**Cleanout Plug**  
(SPG)

8	12181	5	80	*
10 <sup>(F)</sup>	10178	-	-	<b>\$3,951.70</b>
12 <sup>(F)</sup>	10179	-	-	<b>5,774.30</b>



**Part No. PVC 106**  
**Cleanout Plug**  
(MPT)

8	10162	5	280	*
10	12185	-	-	<b>\$839.60</b>
12	12186	-	-	<b>1,254.90</b>



**Part No. PVC 107**  
**Flush Bushing**  
(SPG x H)

8x4	10618	1	112	*
8x6	03269	1	144	*
10x4**	12187	-	-	<b>\$937.80</b>
10x6**	11346	-	-	<b>967.30</b>
10x8	10180	-	-	<b>999.00</b>
12x4**	11347	-	-	<b>1,420.60</b>
12x6**	10634	-	-	<b>1,661.30</b>
12x8	10181	-	-	<b>1,744.30</b>
12x10	10182	-	-	<b>1,831.50</b>



**Part No. PVC 107**  
**Concentric Reducer Bushing**  
(SPG x H)

14x4 <sup>(F)</sup>	12208	-	-	<b>\$2,293.10 N</b>
14x6 <sup>(F)</sup>	12209	-	-	<b>2,320.80 N</b>
14x8 <sup>(F)</sup>	12210	-	-	<b>2,619.40 N</b>
14x10 <sup>(F)</sup>	12204	-	-	<b>3,096.60</b>
14x12 <sup>(F)</sup>	12205	-	-	<b>3,251.50</b>
16x4 <sup>(F)</sup>	12212	-	-	<b>2,735.10 N</b>
16x6 <sup>(F)</sup>	12206	-	-	<b>2,816.40</b>
16x8 <sup>(F)</sup>	12207	-	-	<b>3,249.80</b>
16x10 <sup>(F)</sup>	12182	-	-	<b>3,649.70</b>
16x12 <sup>(F)</sup>	12183	-	-	<b>3,607.30</b>
16x14 <sup>(F)</sup>	12211	-	-	<b>3,579.10 N</b>



**Part No. PVC 108 X**  
**Flush Bushing (Cleanout Adapter)**  
**with Plug**  
(SPG)

10x8	10234	-	-	<b>\$4,022.20</b>
12x8	10235	-	-	<b>5,885.10</b>



**Part No. PVC 115**  
**Adapter Coupling**  
(SDR 35 H x DWV H)

8 <sup>(F)</sup>	12270	5	80	*
10 <sup>(F)</sup>	12271	-	-	<b>\$1,404.70 N</b>
10x8 <sup>(F)</sup>	12272	-	-	<b>1,381.40 N</b>
12 <sup>(F)</sup>	12273	-	-	<b>2,067.80 N</b>

<sup>(F)</sup> Fabricated

\* See standard PVC-DWV fitting price sheet.

\*\* Assembled from two molded components

Note: Eight-inch fittings ship in boxes. Ten- through sixteen-inch fittings ship in crates.

**Note: N = non-stock item – contact customer service for availability.**

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**Part No. PVC 116**  
**Cap**  
(SOCKET)

8	10252	3	63	*
10	11121	-	-	<b>\$895.70</b>
12	11122	-	-	<b>1,133.00</b>
14 <sup>(F)</sup>	12214	-	-	<b>1,890.50</b>
16 <sup>(F)</sup>	12213	-	-	<b>2,530.10</b>



**Part No. PVC 120**  
**Adapter Bushing**  
(DWV SPG x SDR 35 H)

8 <sup>(F)</sup>	12274	5	80	*
10 <sup>(F)</sup>	12275	-	-	<b>\$1,174.80 N</b>
12 <sup>(F)</sup>	12276	-	-	<b>1,654.40 N</b>



**Part No. PVC 130**  
**Repair Coupling**  
(H x H)

8 <sup>(F)</sup>	12217	5	80	*
10 <sup>(F)</sup>	12215	-	-	<b>\$820.30 N</b>
12 <sup>(F)</sup>	12216	-	-	<b>1,306.60 N</b>



**Part No. PVC 300**  
**1/4 Bend**  
(H x H)

8 <sup>(1)</sup>	03360	1	28	*
10 <sup>(1)</sup>	10167	-	-	<b>\$1,831.90</b>
12 <sup>(1)</sup>	10168	-	-	<b>2,821.40</b>
14 <sup>(F)</sup>	12218	-	-	<b>4,753.90</b>
16 <sup>(F)</sup>	12219	-	-	<b>6,506.50</b>



**Part No. PVC 300 A**  
**Vent 1/4 Bend**  
(H x H)

8†	12188	2	32	*
10†	10019	-	-	<b>\$1,663.00</b>
12†	10025	-	-	<b>2,560.90</b>



**Part No. PVC 301**  
**Vent 1/4 Bend, Street**  
(H x SPG)

8 <sup>(F)</sup>	12279	2	24	*
10 <sup>(F)</sup>	12277	-	-	<b>\$1,833.50 N</b>
12 <sup>(F)</sup>	12278	-	-	<b>2,723.80 N</b>



**Part No. PVC 302**  
**1/4 Bend, Street**  
(SPG x H)

8	11348	1	28	*
10 <sup>(F)</sup>	12220	-	-	<b>\$3,070.60</b>
12 <sup>(F)</sup>	12221	-	-	<b>4,358.70</b>
14 <sup>(F)</sup>	12222	-	-	<b>4,646.60 N</b>
16 <sup>(F)</sup>	12223	-	-	<b>6,149.40 N</b>



**Part No. PVC 321**  
**1/8 Bend**  
(H x H)

8	03406	1	28	*
10	10020	-	-	<b>\$1,398.40</b>
12	10026	-	-	<b>2,116.50</b>
14 <sup>(F)</sup>	12224	-	-	<b>4,094.10</b>
16 <sup>(F)</sup>	12225	-	-	<b>4,427.90</b>

- (F) Fabricated
- (1) One-piece molded item
- \* See standard PVC-DWV fitting price sheet.
- † Not a sanitary pattern

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**Part No. PVC 323**  
**1/8 Bend, Street**  
(SPG x H)

8	03413	1	28	*
10	10142	-	-	\$1,396.50
12	10143	-	-	2,139.90
14 <sup>(F)</sup>	12227	-	-	3,823.20
16 <sup>(F)</sup>	12226	-	-	4,427.90



**Part No. PVC 324**  
**1/16 Bend**  
(H x H)

8	11350	2	56	*
10	11351	-	-	\$1,336.90
12	11352	-	-	2,139.00
14 <sup>(F)</sup>	12228	-	-	3,579.30
16 <sup>(F)</sup>	12229	-	-	4,235.40



**Part No. PVC 326**  
**1/16 Bend, Street**  
(H x SPG)

8 <sup>(F)</sup>	12234	2	56	*
10 <sup>(F)</sup>	12230	-	-	\$1,549.70
12 <sup>(F)</sup>	12231	-	-	2,139.00
14 <sup>(F)</sup>	12232	-	-	4,187.20 <b>N</b>
16 <sup>(F)</sup>	12233	-	-	4,235.40



**Part No. PVC 328**  
**1/32 Bend**  
(H x H)

8 <sup>(F)</sup>	12237	2	32	*
10 <sup>(F)</sup>	12235	-	-	\$2,035.30 <b>N</b>
12 <sup>(F)</sup>	12236	-	-	2,764.50 <b>N</b>

**Note: N = non-stock item – contact customer service for availability.**



**Part No. PVC 400**  
**Sanitary Tee**  
(ALL HUB)

8	03468	2	24	*
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**Part No. PVC 400**  
**Sanitary Tee**  
(ALL HUB)

10 <sup>(F)</sup>	13837	-	-	\$4,706.80
12 <sup>(F)</sup>	13838	-	-	5,666.30



**Part No. PVC 400 A**  
**Straight Tee**  
(ALL HUB)

8†	12189	2	24	*
10†	10018	-	-	\$2,031.50
12†	10024	-	-	3,377.40
14† <sup>(F)</sup>	12238	-	-	7,212.80
16† <sup>(F)</sup>	12239	-	-	8,405.80



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

8x8x4**	11357	2	24	*
8x8x6**	11358	2	24	*

- (F) Fabricated
- \* See standard PVC-DWV fitting price sheet.
- \*\* Assembled from two molded components
- † Not a sanitary pattern

Note: Eight-inch fittings ship in boxes. Ten- through sixteen-inch fittings ship in crates.

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**Part No. PVC 401 A**  
**Straight Tee, Reducing**  
(ALL HUB)

8x8x4†**	12253	2	24	*
8x8x6†**	12241	2	24	*
10x10x4†**	11353	-	-	<b>\$1,304.30</b>
10x10x6†**	11354	-	-	<b>1,604.80</b>
10x10x8†	10021	-	-	<b>1,800.50</b>
12x12x4†***	12256	-	-	<b>1,763.60 N</b>
12x12x6†**	11355	-	-	<b>2,013.70</b>
12x12x8†	10028	-	-	<b>2,303.20</b>
12x12x10†	10027	-	-	<b>2,748.20</b>
14x14x4†(F)	12244	-	-	<b>4,186.20</b>
14x14x6†(F)	12245	-	-	<b>4,561.70</b>
14x14x8†(F)	12246	-	-	<b>4,805.80</b>
14x14x10†(F)	12242	-	-	<b>5,517.30 N</b>
14x14x12†(F)	12243	-	-	<b>6,587.30</b>
16x16x4†(F)	12250	-	-	<b>4,927.00</b>
16x16x6†(F)	12251	-	-	<b>5,502.80</b>
16x16x8†(F)	12252	-	-	<b>5,862.00</b>
16x16x10†(F)	12247	-	-	<b>6,930.90 N</b>
16x16x12†(F)	12248	-	-	<b>7,184.70</b>



**Part No. PVC 410**  
**Tee Cross**  
(ALL HUB)

8 <sup>(F)</sup>	12254	2	8	*
8x4 <sup>(F)</sup>	12265	2	24	*
8x6 <sup>(F)</sup>	12266	1	16	*
10 <sup>(F)</sup>	12255	-	-	<b>\$3,737.10 N</b>
10x4 <sup>(F)</sup>	12257	-	-	<b>2,196.10 N</b>
10x6 <sup>(F)</sup>	12258	-	-	<b>2,402.30 N</b>
10x8 <sup>(F)</sup>	12259	-	-	<b>3,138.90 N</b>
12 <sup>(F)</sup>	12260	-	-	<b>5,472.90 N</b>
12x4 <sup>(F)</sup>	12262	-	-	<b>2,545.60</b>
12x6 <sup>(F)</sup>	12263	-	-	<b>3,014.30 N</b>
12x8 <sup>(F)</sup>	12264	-	-	<b>3,491.50 N</b>
12x10 <sup>(F)</sup>	12261	-	-	<b>4,309.80 N</b>

**Note: N = non-stock item – contact customer service for availability.**



**Part No. PVC 444 X**  
**Cleanout Tee with Cleanout Plug**  
(H x H)

8	10217	2	24	*
8x8x4 <sup>(F)</sup>	12293	2	24	*
8x8x6***	11361	2	24	*
10	12281	-	-	<b>\$4,778.10</b>
10x10x4 <sup>(F)</sup>	12282	-	-	<b>2,216.50 N</b>
10x10x6 <sup>(F)</sup>	12280	-	-	<b>3,007.80</b>
10x10x8	10164	-	-	<b>4,683.70</b>
12	12283	-	-	<b>5,673.80</b>
12x12x4 <sup>(F)</sup>	12285	-	-	<b>2,866.90 N</b>
12x12x6**	11356	-	-	<b>3,681.40</b>
12x12x8	10165	-	-	<b>5,131.50</b>
12x12x10 <sup>(F)</sup>	12284	-	-	<b>5,370.00 N</b>



**Part No. PVC 445**  
**Flush Cleanout Tee**  
(H x H x FPT)

8	10215	2	24	*
10	12286	-	-	<b>\$3,938.40</b>
10x10x6 <sup>(F)</sup>	12289	-	-	<b>2,850.60</b>
12	12287	-	-	<b>3,903.10</b>

<sup>(F)</sup> Fabricated

\* See standard PVC-DWV fitting price sheet.

\*\* Assembled from two molded components

\*\*\* Assembled from three molded components

† Not a sanitary pattern

Note: Eight-inch fittings ship in boxes. Ten- through sixteen-inch fittings ship in crates.

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**Part No. PVC 503**  
**Combination Wye and 1/8 Bend**  
**(Two Pieces, Unassembled)**  
**(ALL HUB)**

8**§	03575	2	8	*
10**§	10169	-	-	\$5,347.80
12**§	10170	-	-	6,305.90
14 <sup>(F)</sup> ∞	12296	-	-	12,271.50 N
16 <sup>(F)</sup> ∞	12297	-	-	14,024.20 N



**Part No. PVC 504**  
**Combination Wye and 1/8 Bend,**  
**Reducing (Two Pieces,**  
**Unassembled)**  
**(ALL HUB)**

8x8x4§	03583	1	16	*
8x8x6§	10171	1	16	*
10x10x4§	10236	-	-	\$1,878.70
10x10x6§	10238	-	-	2,415.00
10x10x8§	10172	-	-	3,149.40
12x12x4§	10237	-	-	2,921.70
12x12x6§	10239	-	-	3,035.10
12x12x8§	10173	-	-	3,827.80
12x12x10§	10174	-	-	5,483.30
14x14x4 <sup>(F)</sup> ∞	12307	-	-	4,996.70 N
14x14x6 <sup>(F)</sup> ∞	12303	-	-	5,739.20 N
14x14x8 <sup>(F)</sup> ∞	12304	-	-	6,375.90 N
14x14x10 <sup>(F)</sup> ∞	12306	-	-	7,437.60 N
14x14x12 <sup>(F)</sup> ∞	12298	-	-	9,424.10 N
16x16x4 <sup>(F)</sup> ∞	12301	-	-	6,507.50 N
16x16x6 <sup>(F)</sup> ∞	12305	-	-	6,662.70 N
16x16x8 <sup>(F)</sup> ∞	12302	-	-	7,279.60 N
16x16x10 <sup>(F)</sup> ∞	12299	-	-	9,027.40 N
16x16x12 <sup>(F)</sup> ∞	12300	-	-	10,025.10 N
16x16x14 <sup>(F)</sup> ∞	12308	-	-	12,827.10 N

**Note: N = non-stock item – contact customer service for availability.**



**Part No. PVC 600**  
**Wye**  
**(ALL HUB)**

8	03612	1	16	*
10	10017	-	-	\$2,516.00
12	10023	-	-	4,087.10
14 <sup>(F)</sup>	12314	-	-	7,835.90
16 <sup>(F)</sup>	12309	-	-	9,431.50



**Part No. PVC 601**  
**Wye, Reducing**  
**(ALL HUB)**

8x8x4**	10617	1	16	*
8x8x6	03625	1	16	*
10x10x4**	10240	-	-	\$1,433.20
10x10x6**	10241	-	-	1,859.00
10x10x8	10022	-	-	2,199.90
12x12x4**	10242	-	-	2,219.70
12x12x6**	10243	-	-	2,423.50
12x12x8	10030	-	-	2,878.20
12x12x10	10029	-	-	3,223.20
14x14x4 <sup>(F)</sup>	12315	-	-	4,749.10 N
14x14x6 <sup>(F)</sup>	12316	-	-	5,183.20
14x14x8 <sup>(F)</sup>	12317	-	-	5,426.30
14x14x10 <sup>(F)</sup>	12318	-	-	5,962.30
14x14x12 <sup>(F)</sup>	12319	-	-	7,205.20
16x16x4 <sup>(F)</sup>	12311	-	-	5,801.10
16x16x6 <sup>(F)</sup>	12312	-	-	6,384.30
16x16x8 <sup>(F)</sup>	12313	-	-	6,774.50
16x16x10 <sup>(F)</sup>	12310	-	-	7,895.30
16x16x12 <sup>(F)</sup>	12320	-	-	8,161.10
16x16x14 <sup>(F)</sup>	12321	-	-	8,367.40

<sup>(F)</sup> Fabricated

\* See standard PVC-DWV fitting price sheet.

\*\* Assembled from two molded components

∞ Fitting shipped with street bend strapped to fitting.

§ Fitting shipped with any required bushing(s) installed, street bend strapped to fitting; assembled from molded components.

Note: Eight-inch fittings ship in boxes. Ten- through sixteen-inch fittings ship in crates.

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**Part No. PVC 611**  
**Double Wye**  
(ALL HUB)

8 <sup>(F)</sup>	12323	-	-	*
10 <sup>(F)</sup>	12324	-	-	<b>\$3,945.50</b>
12 <sup>(F)</sup>	12325	-	-	<b>6,623.00</b>
14 <sup>(F)</sup>	12326	-	-	<b>12,537.50</b>



**Part No. PVC 612**  
**Double Wye, Reducing**  
(ALL HUB)

8x8x4x4 <sup>(F)</sup>	12327	1	16	*
8x8x6x6 <sup>(F)</sup>	12328	2	8	*
10x10x4x4 <sup>(F)</sup>	12329	-	-	<b>\$2,068.70 N</b>
10x10x6x6 <sup>(F)</sup>	12330	-	-	<b>2,782.80</b>
10x10x8x8 <sup>(F)</sup>	12331	-	-	<b>3,410.60</b>
12x12x4x4 <sup>(F)</sup>	12332	-	-	<b>3,204.10 N</b>
12x12x6x6 <sup>(F)</sup>	12333	-	-	<b>3,547.10 N</b>
12x12x8x8 <sup>(F)</sup>	12334	-	-	<b>4,363.10</b>
12x12x10x10 <sup>(F)</sup>	12335	-	-	<b>5,097.60</b>
14x14x6x6 <sup>(F)</sup>	12337	-	-	<b>7,256.50</b>
14x14x8x8 <sup>(F)</sup>	12338	-	-	<b>8,225.70 N</b>
14x14x10x10 <sup>(F)</sup>	12339	-	-	<b>8,943.50</b>
14x14x12x12 <sup>(F)</sup>	12340	-	-	<b>11,675.80 N</b>
16x16x6x6 <sup>(F)</sup>	12341	-	-	<b>8,549.30 N</b>
16x16x8x8 <sup>(F)</sup>	12343	-	-	<b>9,814.50 N</b>
16x16x10x10 <sup>(F)</sup>	12344	-	-	<b>11,843.10 N</b>
16x16x12x12 <sup>(F)</sup>	12345	-	-	<b>12,099.70 N</b>
16x16x14x14 <sup>(F)</sup>	12346	-	-	<b>13,996.40 N</b>

<sup>(F)</sup> Fabricated

\* See standard PVC-DWV fitting price sheet.

Note: Eight-inch fittings ship in boxes. Ten- through sixteen-inch fittings ship in crates.

**Note: N = non-stock item – contact customer service for availability.**

## TERMS AND CONDITIONS OF SALE

Terms and Conditions of Sale can be found at [https://charlottepipe.com/terms\\_and\\_conditions.aspx](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.