

Plain End Piping System for High Density Polyethylene Pipe

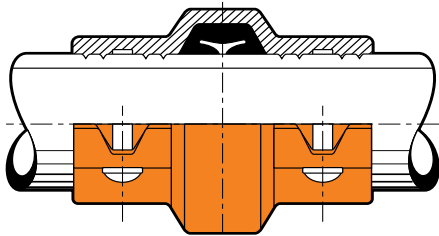
PRODUCT DESCRIPTION

The Victaulic system – a series of couplings, flange adapters, HDPE-to-metal transition couplings, outlets and fittings – is the fastest and easiest way to join HDPE pipe. Victaulic HDPE products are designed to mechanically join HDPE (*high density polyethylene/polybutylene conforming to ASTM D-2447, D-3000, D-3035 or F-714, at ambient temperatures) pipe of wall thicknesses from SDR 32.5 to 7.3. Victaulic HDPE products have integral rows of gripping teeth in each side of the housing which bite into HDPE pipe around the entire circumference. This eliminates special heat fusion, solvent joining or special adapters. **Victaulic HDPE products are not intended for use on PVC pipe or other materials.** Victaulic lubricant should **not** be used with HDPE pipe.

Victaulic products for HDPE pipe are rated to pressures equal to the pipe with which they are used. The pipe manufacturer's listing is dependent upon wall thickness, pipe composition and temperature. Pipe tolerances shown in the charts are *at +70°F (+21°C) for rigid pipe with SDR of 20 or lower.



DIMENSIONS



Exaggerated for clarity

19.01-1B

Pipe – In./mm		Dimensions – In./mm			Pipe – In./mm		Dimensions – In./mm		
Nom. Size	Act. Size	Outside Dia.		Max. Out of Round Tol.*	Nom. Size	Act. Size	Outside Dia.		Max. Out of Round Tol.*
		Size	Tol. *				Size	Tol. *	
2 50	2.375 60.3	2.375 60.3	± 0.016 0.406	± 0.040 1.016	10 250	10.750 273.0	10.750 273.0	± 0.048 1.219	± 0.075 1.905
3 80	3.500 88.9	3.500 88.9	± 0.016 0.406	± 0.040 1.016	12 300	12.750 323.9	12.750 323.9	± 0.057 1.448	± 0.075 1.905
4 100	4.500 114.3	4.500 114.3	± 0.020 0.508	± 0.040 1.016	14 † 350	14.000 355.6	14.000 355.6	± 0.063 1.600	± 0.075 1.905
5 125	5.563 141.3	5.563 141.3	± 0.025 0.635	± 0.050 1.270	16 400	16.000 406.4	16.000 406.4	± 0.072 1.830	§
6 150	6.625 168.3	6.625 168.3	± 0.030 0.762	± 0.050 1.270	18 450	18.000 457.2	18.000 457.2	± 0.081 2.060	§
8 200	8.625 219.1	8.625 219.1	± 0.039 0.990	± 0.075 1.905	20 500	20.000 508.0	20.000 508.0	± 0.090 2.290	§

*At ambient temperatures.

§ See pipe manufacturer for maximum out of round tolerance.

† Contact Victaulic for special bolt/nut requirements.



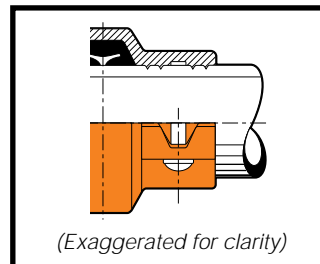
It's fast

Just align the marked pipe ends, slide on the pressure-responsive gasket, and place both sections of the coupling over the pipe ends.



It's easy

No threading, grooving or fusing. Housings have tongue-and-recess mating for proper alignment of the coupling. Track head bolts allow tightening with one wrench.



(Exaggerated for clarity)

It's rugged

Housings are cast of durable ductile iron. Sharp gripping teeth in each half of the housing bite into the pipe around the entire circumference.



It's reliable

Victaulic has laboratory and field tested the HDPE couplings and has found that the working pressure of the coupling meets or exceeds that of the pipe itself.

NOTE: ALWAYS REFER TO VICTAULIC I-900 INSTRUCTION HANDBOOK BEFORE ASSEMBLY.