



Victaulic Mechanical Coupling



Plain End Piping System for High Density Polyethylene Pipe

The Victaulic system – a series of coupling, flange adapter, HDPE-to-metal transition coupling, outlet and fitting – 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 temperature) 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 adapter. 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 pressure 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 chart are *at +70°F (+21°C) for rigid pipe with SDR of 20 or lower.

Style 995 Coupling for HDPE Pipe

Victaulic Style 995 HDPE coupling have sharp gripping teeth on both sides of the coupling which grip into the HDPE pipe around the circumference. As the housing are tightened pad-to-pad, the four bolts (two on 2"/50 mm size) force the teeth to engage into the pipe wall. This design permits direct joining of HDPE pipe without fusing equipment. The 14 - 20" (350 - 500 mm) size use a T-bolt (patent pending) which is designed to ease alignment of the bolt pad during assembly. Couplings are supplied with plated carbon steel bolts and nuts and hardened steel washers. A choice of either U.S. imperial or ISO metric bolts and nuts is available. Clearly specify choice on order. For special conditions, Type 304 or Type 316 stainless steel bolts and nuts are available.

Style 997 Transition Coupling HDPE Plastic to Steel

The Victaulic Style 997 Transition coupling is the fastest and easiest way to join plain end HDPE pipe to grooved IPS pipe, valves and fittings. Designed for use with HDPE (high density polyethylene/polybutylene conforming to ASTM D-2447, D-3000, D-3035 or F-714 at ambient temperature) pipe of wall thicknesses from SDR 32.5 to 7.3. As with all Victaulic HDPE products, Style 997 has integral rows of gripping teeth on the HDPE side of the housing which bite into the HDPE pipe around the entire circumference. The grooved side has a conventional key section designed to engage standard roll or cut grooved IPS pipe of the same size as the mating HDPE pipe.

