

Pipe, Fittings and Pipe Joints for Underground Fire Service Mains

Underground fire service mains are made from many different materials. Cast iron, ductile iron, stainless steel pipe, Polyvinyl Chloride (PVC), Polyethylene (PE), and Fiber Reinforced Composite (FRP of Fiberglass) pipe and fittings are acceptable when they are FM Approved.

Installation of these products should conform to FM Global Property Loss Prevention Data Sheets.

Polyethylene Pipe and Fittings

Polyethylene pipe should be installed and anchored according to the pipe manufacturer's instructions and FM Global Property Loss Prevention Data Sheets. For underground use only.

Nominal pipe size is the approximate outside diameter of the pipe. Refer to manufacturer's catalog for pipe inside diameter.

Performance Pipe, Polyethylene Pipe and Fittings

Product Specification

Model No	Product Description	Nominal Pipe Size, in	Rated Working Pressure		Remarks
			psi	(kPa)	
	DRISCOPEX4100 IPS Class 200 Pipe	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	200	(1375)	a, b, c, d, e
	DRISCOPEX1000 IPS Class 200 Pipe	2, 3	200	(1375)	a, b, c, d, e
	DRISCOPEX4100 IPS Class 250 Pipe	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	250	(1720)	a, b, c, d, e
	DRISCOPEX 4100 IPS Class335 Pipe	4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	335	(2305)	a, b, c, d, e
	DRISCOPEX 1000 IPS Class335 Pipe	2, 3,	335	(2305)	a, b, c, d, e
	DRISCOPEX4000 DIPS Class 200 Pipe	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	200	(1375)	a, b, c, d, e, f
	DRISCOPEX 4000 DIPS Class 250 Pipe	4, 6, 8, 10, 12, 14, 16, 18, 20, 24	250	(1720)	a, b, c, d, e, f
DRISCOPEX 8100 Fittings, Class 200	Elbows $\leq 90^\circ$	2, 3, 4, 6, 8	200	(1375)	a, b, e
DRISCOPEX 8100 Fittings, Class 200	Wall Anchors DIPS and IPS	2, 3, 4, 6, 8, 10, 12	200	(1375)	a, b, e, f
DRISCOPEX 8100 Fittings, Class 200	Equal Tees	2, 3, 4, 6, 8	200	(1375)	a, b, e
DRISCOPEX 8100 Fittings, Class 200	End Caps	2, 3, 4, 6, 8	200	(1375)	a, b, e
DRISCOPEX 8100 Fittings, Class 200	Flange Adapters	2, 3, 4, 6, 8, 10, 12, 14, 16, 18	200	(1375)	a, b, e
DRISCOPEX 8100 Fittings, Class 200	Reducers	3x2, 4x2, 4x3, 6x4, 8x6	200	(1375)	a, b, e
DRISCOPEX 8100 Fittings, Class 200	MJ Adaptors (IPS)	3, 4, 6, 8, 10, 12	200	(1375)	a, b, e
DRISCOPEX 8100 Fittings, Class 200	MJ Adaptors (DIPS)	4, 6, 8, 10, 12	200	(1375)	a, b, f
DRISCOPEX 8100 Fittings, Class 200	Branch Saddles - Round Base (IPS) Outlet	2, 3, 4, 6, 8	200	(1375)	a, b, e

DRISCOPEX 8100 Fittings, Class 200	Branch Saddles - Rectangular Base (IPS Outlet)	2	200	(1375)	a, b, e
DRISCOPEX 8100 Fittings, Class 250	Wall Anchors DIPS and IPS	2, 3, 4, 6, 8, 10, 12	250	(1720)	a, b, e, f
DRISCOPEX 8100 Fittings, Class 250	Elbows $\leq 90^\circ$	2, 3, 4, 6, 8	250	(1720)	a, b, e
DRISCOPEX 8100 Fittings, Class 250	Equal Tees	2, 3, 4, 6, 8	250	(1720)	a, b, e
DRISCOPEX 8100 Fittings, Class 250	End Caps	2, 3, 4, 6, 8	250	(1720)	a, b, e
DRISCOPEX 8100 Fittings, Class 250	Flange Adapters IPS	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24	250	(1720)	a, b, e
DRISCOPEX 8100 Fittings, Class 250	Flange Adapters DIPS	2, 3, 4, 6, 8, 10, 12, 14, 16	250	(1720)	a, b, f
DRISCOPEX 8100 Fittings, Class 250	Reducers	3x2, 4x2, 4x3, 6x4, 8x6	250	(1720)	a, b, e
DRISCOPEX 8100 Fittings, Class 250	MJ Adaptors (IPS)	3, 4, 6, 8, 10, 12	250	(1720)	a, b, e
DRISCOPEX 8100 Fittings, Class 250	MJ Adaptors (DIPS)	4, 6, 8, 10, 12	250	(1720)	a, b, f
DRISCOPEX 8100 Fittings, Class 250	Branch Saddles - Round Base (IPS Outlet)	2, 3, 4	250	(1720)	a, b, e
DRISCOPEX 8100 Fittings, Class 250	Branch Saddles - Rectangular Base (IPS Outlet)	2	250	(1720)	a, b, e
DRISCOPEX 8100 Fittings, Class 335	Equal Tees	2, 3, 4, 6, 8	335	(2305)	a, b, e
DRISCOPEX 8100 Fittings, Class 335	Elbows, 90°	2, 3, 4, 6, 8	335	(2305)	a, b, e
DRISCOPEX 8100 Fittings, Class 335	Elbows, 45°	2, 3, 4, 6, 8	335	(2305)	a, b, e
DRISCOPEX 8100 Fittings, Class 335	End Caps	2, 3, 4, 6, 8	335	(2305)	a, b, e
DRISCOPEX 8100 Fittings, Class 335	Flange Adapters	2, 3, 4, 6, 8	335	(2305)	a, b, e
DRISCOPEX 8100 Fittings, Class 335	Reducers	3x2, 4x2, 4x3, 6x4, 8x6	335	(2305)	a, b, e
Back-Up Rings, Epoxy Coated DI	Back-Up Rings, Epoxy Coated DI (IPS)	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	200	(1375)	e
Back-Up Rings, Epoxy Coated DI	Back-Up Rings, Epoxy Coated DI (IPS)	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	250	(1720)	e
Back-Up Rings, Epoxy Coated DI	Back-Up Rings, Epoxy Coated DI (DIPS)	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	200	(1375)	f
Back-Up Rings, Epoxy Coated DI	Back-Up Rings, Epoxy Coated DI (DIPS)	2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	250	(1720)	f

Remarks:

a. Pipe and fittings may be directly connected together by the butt fusion process. Manufacturer fusion instructions must be strictly followed for a proper fusion joint.

b. The pipe and fittings may also be provided with flange adapters and back-up rings and bolted together. Back-up rings must be pressure rated at or above the pressure rating of the pipe on which they are installed.

c. Pipe may be supplied as black, or with red stripe, or with blue stripe.

d. Pipe may be marked with the FM Approval Mark and any combination of NSF, AWWA or ASTM designations.

- e. The diameter basis is IPS sizes.
f. The diameter basis is DIPS sizes.

Company Name:	Performance Pipe A Division of Chevron Phillips Chemical Company LP
Company Address:	5085 West Park Blvd, Suite 500, Plano, Texas 75093, USA
Company Website:	http://performancepipe.com
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved
Class of Work:	1613-Pipe Ftngs, Undg, PE