

MDPE YELLOW GAS PIPING

{ MDPE-2708-ASTM-D2513 SDR11-IPS 80PSI(NAT GAS) 30PSI(LPG) }



	PIPE	COUPLING	METER RISER	STRAIGHT TRANSITION	TEE	ELBOW
3/4"	\$ 0.84/ft	38.00	60.00	38.00	110.00	133.00
1"	1.15/ft	58.00	67.00	42.00	175.00	196.00
1 1/4"	1.68/ft	128.00	126.00	48.00		
1 1/2"	2.26/ft	158.00	192.00	54.00		
2"	3.38/ft	176.00	233.00	68.00		



3/4"-1" Chamfering Tool **\$ 90.00**

Legend

- Permaseal® Coupling: Moulded from PE4710/PE3408 resin. Permaseal meets or exceeds ASTM D 2513, category 1; US DOT Part 192; NFPA 58, EN 1555; and NF T 54 069/54 067; IAPMO®/UPC® listed; CSA B 137.4 and DVGW VP 600 IG94e1531 certified.
- Thrust Washer: Provides even distribution of force on the collet.
- Support Ring: Stainless steel ring moulded into body of coupling for added strength and support of the gripping collet.
- Stiffener: Zinc-plated steel stiffener guarantees proper alignment and adds support.
- Moisture Seal: Prevents entry of dust, dirt and moisture.
- Collet: Tapered gripping collet prevents pipe pull-out.
- O-Rings: BUNA-N (Nitrile) elastomer seals provide permanent leak-proof protection.
- Spacer Retainer Ring: Guarantees precise centering of pipe and increases the locking power of collet.

Specifications

Body

- Gas Grade Polyethylene (PE4710/PE3408)
- Gripping Support Ring: Stainless Steel
- Collet: Acetal (POM)
- Thrust Washer: Polyethylene (PE)
- O-Rings: BUNA-N (Nitrile)
- Spacer Retainer Ring: Acetal (POM)
- Insert Stiffener: Zinc-plated Carbon Steel

Testing

Pull-out Resistance

- 0.2"/5 mm/min.
- Full Restraint, pulls to PE yield.

Pull-out Resistance

- 20"/500 mm/min.
- Full Restraint, pulls to PE yield.

Hydrostatic

- 580 psi (4 MPa) hoop stress
- 176°F (80°C)
- No Failure >340 hrs.

Quick Burst (SDR 11): >493 psig (34 bar)

Pressure ratings

Couplings are designed to meet or exceed the maximum design pressure requirements of the piping system.

Sizes

1/2" CT5 through 2" IPS (20 mm through 63 mm)