

## 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	63.00	41.00	110.00	133.00
1"	1.15/ft	58.00	72.00	44.00	175.00	196.00
1 1/4"	1.68/ft	128.00	138.00	49.00		
1 1/2"	2.26/ft	158.00	209.00	55.00		
2"	3.38/ft	176.00	255.00	70.00		



3/4"-1" Chamfering Tool \$ 91.00

**Legend**

- Permasert® Coupling: Molded from PE4710/PE3408 resin. Permasert 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 (G94e153) certified.
- Thrust Washer: Provides even distribution of force on the collet.
- Support Ring: Stainless steel ring molded 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" CTS through 2" IPS (20 mm through 63 mm)