

MDPE GAS PIPE & FITTING

IIL Polyethylene Line Pipes are manufactured on state-of-the-art German and Austrian equipment to meet the performance requirement of British Gas Technical Specification for gaseous fuel.

Applications:

- Distribution pipe for Natural Gas, Liquefied Petroleum Gas (LPG) and other gaseous fuels.

Product Color:

- Bright Yellow
- Orange

Product Standard:

- BGC/PS/PL2: Part 1 (1986)
- ISO 4437 (1997)
- ASTM D-2513 (2000)
- Other standards upon request

Product Range:

- Nominal outside dia from 20mm to 250 mm.
- Wall thickness from 1.8mm to 22.7mm
- Standard dimension ratio (SDR) from 7 to 17.6 (Imperial & Metric)

Packaging:

- 40mm dia: coils up to 1000m
- 50mm dia: coils up to 300m
- 63mm dia: coils up to 200m
- 75 mm dia & above : straight length, max 12m
- Special packaging upon request

Raw Material Specifications:

- Medium Density Polyethylene (PE-80)
- High Density Polyethylene (PE-100)
- Mill Test Certificates issued upon request

Tests Performed:

- Elevated Temperature, Short-Term & Long-Term Pressure Tests
- Tensile Strength & Elongation
- Environmental Stress Cracking
- Heat Reversion
- Squeeze Off
- Fusibility
- Melt Flow Index (MFI) test
- Density

Salient Features:

- Environmentally friendly
- Guaranteed tube count per bundle
- Over 50 years of manufacturing experience and exporting to 60 countries
- Certification: ISO 9001, 14001, ISO 45001 and CE
- PSQCA Certified

For Complete range of MDPE fittings, please email us at pprc@iil.com.pk or visit our website www.iil.com.pk



Promising Reliability, For Now and Tomorrow

SNGPL Specification

Item	Size	Diameter (mm)		Thickness		SDR
		Min	Max	Min	Max	
MP 26.70 2.41 YELLOW PE-80	3/4"	26.57	26.77	2.41	2.92	11
MP 33.40 3.02 YELLOW PE-80	1"	33.27	33.53	3.02	3.68	11
MP 42.00 4.22 YELLOW PE-80	1-1/4"	42.03	42.29	4.22	4.7	10
MP 60.00 5.50 YELLOW PE-80	2"	60.18	60.48	5.49	6.15	11
MP 114.30 10.39 YELLOW PE-80	4"	114.07	114.53	10.39	11.63	11
HP 168.28 15.29 ORANGE PE-100 SDR-11(GAS)	6"	168	168.56	15.29	17.12	11

SSGC Specification

HP 20.00 2.30 ORANGE PE-100	20	20	20.3	2.3	2.7	11
HP 32.00 3.00 ORANGE PE-100	32	32	32.3	3	3.4	11
HP 40.00 3.70 ORANGE PE-100	40	40	40.4	3.7	4.2	11
HP 63.00 5.80 ORANGE PE-100	63	63	63.4	5.8	6.5	11
HP 125.00 11.40 ORANGE PE-100	125	125	125.8	11.4	12.7	11
HP 180.00 16.40 ORANGE PE-100	180	180	181.1	16.4	18.2	11
HP 250.00 22.70 ORANGE PE-100	250	250	251.5	22.7	25.1	11



ISO 9001, ISO 14001, ISO 45001, API 5L, PSQA, UL & CE Mark Certified Company