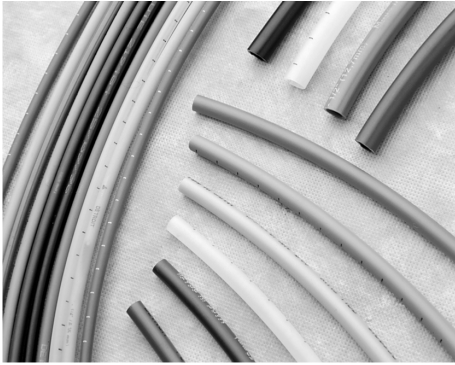


POLYPROPYLENE/IMPOLENE TUBING



MATERIAL

- Polypropylene / Impolene

APPLICATIONS

- Automation lines, control and instrumentation.
- Lubrication lines, air, fuels, and solvents.
- Process lines with gases, chemical and solvent products.
- Low-pressure hydraulic lines.
- Chemical, paper and celluloses industries, among others.

Tubing in inches

Part No.	Outside Diameter (O.D.) (in)	Tube Wall Thickness (nominal) (mm)	Minimum Bend Radius (mm)	Maximum Working Pressure at 23°C (psi)	Minimum Burst Pressure at 23°C (psi)	Reel Length (m)	Weight (Approx.) (g/m)
22PP(-)R	1/8	0,58	12,7	225	900	320	4,5
33PP(-)R	3/16	0,86	19,0	225	900	320	11,0
44PP(-)R	1/4	1,02	25,4	225	900	160	15,0
55PP(-)R	5/16	1,57	31,7	225	900	160	28,0
66PP(-)R	3/8	1,57	31,7	225	900	160	36,0
88PP(-)R	1/2	1,57	63,5	187	750	80	50,0

FEATURES

- Operating temperature range: -18 °C to 79 °C.
- Working pressure: see tables (recommended safety factor 4-1).
- They have optimum resistance against hot water and corrosive acids, where the utilization of polyamide tubings is not possible.
- Ambient corrosion resistant.
- Excellent resistance to sulfuric acid.
- Low water absorption (less than 0.01%).

CODE KEY

- Tubing in inches. Example 44PP(NT)R

(1)	(2)	(3)	(4)
44	PP	(NT)	R

- (1)** - Tubing outside diameter (O.D.): 22 = 1/8"; 33 = 3/16"; 44 = 1/4"; 55 = 5/16"; 66 = 3/8"; 88 = 1/2".

- (1.1)** - Tubing inside diameter (I.D.): Tubings with dimensions in inches have standard wall thickness (see specification charts).

- (2)** - Tubing material: PP = Polypropylene / Impolene.

- (3)** - Tubing color: NT = Natural; BK = Black

- (4)** - Supply unit: Reel. See in the following tables the maximum quantity per reel. Longer lengths may be manufactured. For that, please consult us

BURST PRESSURE VERSUS TEMPERATURE DATA

Suggested working pressure is 1/4 of burst pressure at the system operating temperature, as indicated in the previous tables and graphic (safety factor of 4-1).

Graphic below must be used only as a reference for choosing the tubing, for other factors such as fluid, line shocks, etc may affect these values.

