



PEAPP Series

Linear Low Density Industrial Polyethylene Tubing



Construction:

- Linear low density polyethylene tubing

Applications:

- Transfer of air and liquids in industrial applications
- Chemical transfer lines
- Humidifier fill lines
- Drain lines
- Instrument air lines

Features:

- Economical and lightweight
- LLDPE resin provides excellent environmental stress crack resistance
- Six colors
- Excellent resistance to solvents
- Chemically inert
- Resistant to sunlight and other forms of ultra-violet radiation (black only)
- FDA Type 1, Class A, category 4 polyethylene resin (complies with FDA 21 CFR 177.1520 for olefin polymers (par (c) 3.2a)). Not NSF Certified

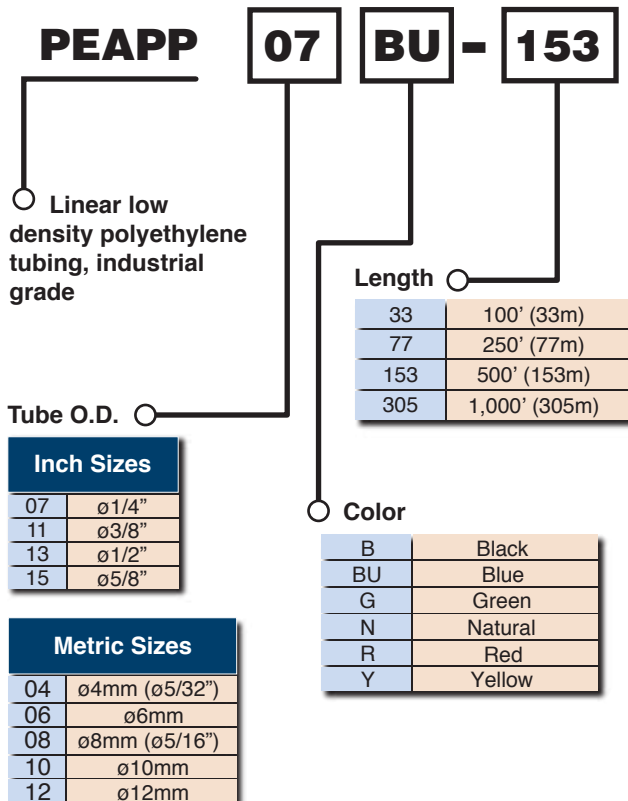
Weight

Inch Sizes			Metric Sizes		
OD	Package Length (in)	Package Weight (lbs)	OD	Package Length (in)	Package Weight (lbs)
1/4"	100 <input type="radio"/>	1.2	4mm	100 <input type="radio"/>	0.6
	250 <input type="radio"/>	3		250 <input type="radio"/>	1.5
	500 <input type="radio"/>	6		500 <input type="radio"/>	3
3/8"	1,000 <input type="radio"/>	12	6mm	1,000 <input type="radio"/>	6
	100 <input type="radio"/>	2.3		100 <input type="radio"/>	1.1
	250 <input type="radio"/>	5.75		250 <input type="radio"/>	2.75
5/8"	500 <input type="radio"/>	11.5	8mm	500 <input type="radio"/>	5.5
	1,000 <input type="radio"/>	23		1,000 <input type="radio"/>	11
	100 <input type="radio"/>	3.4		100 <input type="radio"/>	1.5
1/2"	250 <input type="radio"/>	8.5	10mm	250 <input type="radio"/>	3.75
	500 <input type="radio"/>	17		500 <input type="radio"/>	7.5
	100 <input type="radio"/>	5		1,000 <input type="radio"/>	15
5/8"	250 <input type="radio"/>	12.5	12mm	100 <input type="radio"/>	2.1
	500 <input type="radio"/>	25		250 * <input type="radio"/>	5.25
				500 <input type="radio"/>	10.5
				1,000 <input type="radio"/>	21
				100 <input type="radio"/>	2.5
				250 * <input type="radio"/>	6.5
				500 <input type="radio"/>	13

*Note: Special order only

Bagged Reel

How To Order



Note: 4mm tubing is suitable for use with 5/32" SMC One-touch fittings as is 8mm tubing and 5/16" fittings. 4, 6, 8, 10 and 12mm are commonly available in black, blue and natural only, other colors are special order.

Specifications - Inch

Nominal OD (in)	Nominal ID (in)	Nominal Wall (in)	Bend Radius (in)	Working Pressure @ 70°F (20°C) (in)	Bend Radius (in)	Service Temp Range	Hardness
0.25	0.17	0.04	1.25	150	450	-50°~ +140°F (-45°~ 60°C)	Shore A 98A, Shore D 55D
0.375	0.25	0.063	2	150	450		
0.5	0.375	0.063	2.5	125	375		
0.625	0.5	0.063	3	100	300		

Applicable SMC Fitting Series: KQ2, KQG2, KQB2, KG, KB, KS, KX, DMK, KDM
Note: Fittings are not FDA/NSF compliant

Specifications - Metric

Nominal OD (mm)	Nominal ID (mm)	Nominal Wall (mm)	Bend Radius (mm)	Working Pressure @ 70°F (20°C) (psi)	3:1 Burst Pressure (psi)*	Service Temp Range	Hardness
4	2.5	0.75	25.4	180	540	-50°~ +140°F (-45°~ 60°C)	Shore A 98A, Shore D 55D
6	4	1	31.8	150	450		
8	6	1	38	150	450		
10	8	1	51	125	375		
12	9	1.5	63.5	100	300		

Applicable SMC Fitting Series: KQ2, KQG2, KQB2, KG, KB, KS, KX, DMK, KDM
Note: Fittings are not FDA/NSF compliant

General Specifications

Operating Fluid	Air, Water, Compatible chemicals
Operating Temperature	-50 to +140°F (-45 to +60°C)
Material	Linear Low density polyethylene
Hardness	Shore A 98A, Shore D 55D

Note: Working pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Because we continually examine ways to improve our products, we reserve the right to alter specifications without prior notice.