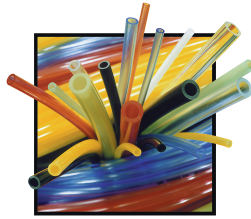




PEAPP Series Linear Low Density Industrial Polyethylene Tubing

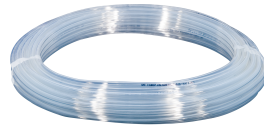
Construction:

- Linear low density polyethylene tubing — FDA compliant



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 (complies with FDA 21 CFR 177.1520 for olefin polymers (par (c) 3.2a)

Weight

Inch Sizes			Metric Sizes		
OD	Package Length (ft)	Package Weight (lbs)	OD	Package Length (ft)	Package Weight (lbs)
1/4"	100	1.2	4mm	100	0.6
	250	3		250	1.5
	500	6		500	3
	1,000	12		1,000	6
3/8"	100	2.3	6mm	100	1.1
	250	5.75		250	2.75
	500	11.5		500	5.5
	1,000	23		1,000	11
1/2"	100	3.4	8mm	100	1.5
	250	8.5		250	3.75
	500	17		500	7.5
	1,000	34		1,000	15
5/8"	100	5	10mm	100	2.1
	250	12.5		250	5.25
	500	25		500	10.5
	1,000	50		1,000	21
			12mm	100	2.5
				250	6.5
				500	13

Specifications - Inch

Nominal OD (in)	Nominal ID (in)	Nominal Wall (in)	Bend Radius (in)	Working Pressure @ 70°F (20°C) (psi)*	3:1 Burst Pressure (psi)*	Service Temperature Range	Hardness
0.25	0.17	0.04	1.25	150	450	-50° ~ +140°F	Shore A 93A,
0.375	0.25	0.062	2	150	450	(-45° ~ 60°C)	Shore D 45D
0.5	0.375	0.062	2.5	125	375		
0.625	0.5	0.062	3	100	300		

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 Temperature Range	Hardness
4	2.5	0.75	25.4	180	540	-50° ~ +140°F	Shore A 93A,
6	4	1	31.8	150	450	(-45° ~ 60°C)	Shore D 45D
8	6	1	38	150	450		
10	8	1	51	125	375		
12	9	1.5	63.5	100	300		

Applicable SMC Fitting Series: KQ(2), KJ, KQG(2), KQB(2), KG, KB, KS, KX, KM, DMK, KDM

*Note: Fittings are not FDA compliant

How To Order

PEAPP **07** **BU** - **153**

Linear low density polyethylene tubing, industrial grade

Tube O.D.

Inch Sizes	Metric Sizes
07	ø1/4"
11	ø3/8"
13	ø1/2"
15	ø5/8"

Length

33	100' (33m)
77	250' (77m)
153	500' (153m)
305	1,000' (305m)

Color

B	Black
BU	Blue
G	Green
N	Natural
R	Red
W	White*
Y	Yellow

*Note: 4mm tubing is suitable for use with 5/32" SMC One-Touch fittings as are 8mm tubing and 5/16" fittings.

* Coming Soon

Standard available lengths / packaging

Size	Package Length			
	33	77	153	305
Inch	07	●	●	●
	11	○	●	●
	13	○	●	●
	15	○	●	●
Metric	04	○	●	●
	06	○	●	●
	08	○	●	●
	10	○	●	●
12	○	●	●	

- Reel
- Bagged

*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.



PEAPP Series Linear Low Density Beverage Grade Polyethylene Tubing

Construction:

- Linear low density polyethylene tubing — NSF61 rated



Applications:

- Transfer of air and liquids in beverage applications
- Vending equipment
- Humidifier fill lines
- Drain lines
- Instrument air lines

Features:

- NSF61 rated for potable water use
- Economical and lightweight
- LLDPE resin provides excellent environmental stress crack resistance
- Seven colors
- Excellent resistance to solvents
- Chemically inert

Weight

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

Specifications - Inch

Nominal OD (in)	Nominal ID (in)	Nominal Wall (in)	Bend Radius (in)	Working Pressure @ 70°F (20°C) (psi)*	3:1 Burst Pressure (psi)*	Service Temperature Range	Hardness
0.25	0.17	0.04	1.25	150	450	-50° ~ +140°F (-45° ~ 60°C)	Shore A 93A, Shore D 45D
0.375	0.25	0.062	2	150	450		
0.5	0.375	0.062	2.5	125	375		

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 Temperature Range	Hardness
4	2.5	0.75	25.4	180	540	-50° ~ +140°F (-45° ~ 60°C)	Shore A 93A, Shore D 45D
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: KQ(2), KJ, KQG(2), KQB(2), KG, KB, KS, KX, KM, DMK, KDM

*Note: Fittings are not NSF rated

How To Order

PEAPP **B** **07** **BU** - **153**

Linear low density polyethylene tubing, industrial grade

Beverage grade (NSF61)

Tube O.D.

Length

33	100' (33m)
77	250' (77m)
153	500' (153m)
305	1,000' (305m)

Color

B	Black
BU	Blue
G	Green
N	Natural
R	Red
W	White
Y	Yellow

Inch Sizes		Metric Sizes	
07	ø1/4"	04*	ø4mm (ø5/32")
11	ø3/8"	06	ø6mm
13	ø1/2"	08*	ø8mm (ø5/16")
		10	ø10mm
		12	ø12mm

Standard available lengths / packaging

Size		Package Length			
		33	77	153	305
Inch	07	○	●	●	●
	11	○	●	●	●
	13	○	●	●	●
Metric	04	○	●	●	●
	06	○	●	●	●
	08	○	●	●	●
	10	○	●	●	●
	12	○	●	●	●

- Reel
- Bagged

*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.

*Note: 4mm tubing is suitable for use with 5/32" SMC One-Touch fittings as are 8mm tubing and 5/16" fittings.

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