



**#5**  
**Polyethylene**  
**Tube**  
**Low Density**

**Tried. Tested. And Wanted.**

*Low density polyethylene tubes have been widely used for many years in a wide variety of applications.*

*They have mainly been associated with the conveyance of beer and soft drinks for brewery, distillation and domestic water industries and services.*

*Furthermore, low density polyethylene tubes are suitable for many applications requiring a relatively low cost material with good resistance to different liquid substances and chemicals.*

*These tubes are commonly used throughout pneumatic industries in spite of their low abrasion and cut resistance.*

## ORDER & PACKAGING

### PLACING AN ORDER OR REQUEST

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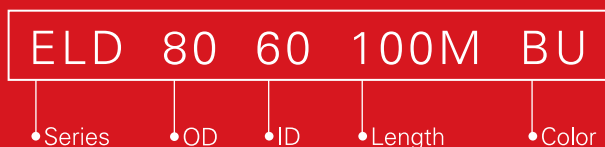
Specifying Standard Items:


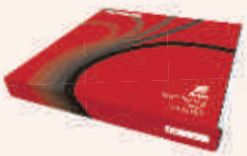


Please specify the following:

1. Series(Item) Number
2. OD. Size
3. ID. Size
4. Tube length (Please specify Metric/Imperial)
5. Color

#### **Example of a request**

100M of 8 x 6 blue Polyethylene



PACKAGING	TYPE	FEATURE
	<p><b>Paper Reel</b> 100M or 200M 0 splices allowed</p>	<p>An easy to use standard package.</p>
	<p><b>Box</b> 100M or 200M 0 splices allowed</p>	<p>A standard package that keeps dust away from the product.</p>
	<p><b>Plastic Bag</b> 0 splices allowed</p>	<p>Smaller size package that keeps the dust away from the product.</p>
	<p><b>Film Wrapped</b> 0 splices allowed</p>	<p>A package for special lengths and large-scaled O.D that can be recycled.</p>

*\* Other sizes, colors, printing, length and package option may be available*

SHPI strives to provide continuous lengths of tubing. However, manufacturing practices and stringent quality control processes will dictate the need for occasional splices.

Reels of tubing can be specially ordered without splices.

(Prior notice must be given when placing order)



## POLYETHYLENE TUBE LOW DENSITY

### Series

ELD polyethylene

### Temperature Range

-10°C ~ 60°C

14°F ~ 140°F

### Tolerances

OD± 0.1mm

± 0.5% on the weight

### Working Pressure

4 to 1 safety factor

Working Pressure at elevated temperature  
please refer page 98

### Standard color

**BU.** Blue / **BK.** Black / **NA.** Natural /

**G.** Green / **OR.** Orange / **R.** Red /

**Y.** Yellow



### METRIC SIZE

PART NUMBER	TUBE OD (inch)	TUBE ID (inch)	WALL THICKNESS (inch)	PACKAGE LENGTH (m)	WORKING PRESSURE AT 23°C (kg/cm <sup>2</sup> )	BURST PRESSURE AT 23°C (kg/cm <sup>2</sup> )	BEND RADIUS (inch)	WEIGHT PER100M (kg)
ELD4025	4.0	.2.5	75	100, 200, 300	9	36	21	0.71
ELD6040	6.0	4.0	1.00	100, 200, 300	9	36	32	1.46
ELD8060	80	6.0	1.00	100, 200, 300	6	24	38	2.04
ELD1075	10.0	7.5	1.25	100, 200	7	28	47	3.19
ELD1080	10.0	8.0	1.00	100, 200	4	16	47	2.63
ELD1290	12.0	9.0	1.50	100, 200	7	28	63.5	4.6
ELD1210	12.0	10	1.00	100, 200	3.5	14	63.5	3.21

### INCH SIZE

PART NUMBER	TUBE OD (inch)	TUBE ID (inch)	WALL THICKNESS (inch)	PACKAGE LENGTH (ft)	WORKING PRESSURE AT 75°F (psi)	BURST PRESSURE AT 75°F (psi)	BEND RADIUS (inch)	WEIGHT PER100FT (lbs)
ELD18062	1/8	.062	.031	300, 600, 1000	100	600	1/2	.37
ELD316117	3/16	.117	.035	300, 600, 1000	125	500	5/8	.68
ELD14170	1/4	.170	.039	300, 600, 1000	125	500	3/4	1.29
ELD516212	5/16	.212	.050	300, 600, 1000	125	500	1	2.04
ELD38250	3/8	.250	.062	300, 600	125	500	1-1/2	3.01
ELD12375	1/2	.375	.062	300, 600	100	400	1-3/4	4.24
ELD58500	5/8	.500	.062	300	70	280	2-1/2	5.45

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