

Low Density Polyethylene

LPD Series



Low Density Polyethylene tube has been greatly used for many years in a wide variety of applications. It has mainly been associated with the conveyance of beer and soft drinks for brewery industry and water for domestic services, however it is suitable for many applications requiring a relatively low cost material and has good resistance to many liquids and chemicals. It has also been used in pneumatics field in spite of its low abrasion and cut resistance.

KEY FEATURES:

- | High impact strength at low temperatures.
- | Resistant to a wide range of chemicals.
- | Low toxic.

- | FDA approved.
- | High flexibility.
- | Silicone free.
- | 4:1 safety factor

SIZES:

- | Available in 30m coils.
- | 6mm, 8mm, 10mm & 12mm OD

COLOURS:

- | Natural
- | White
- | Blue
- | Black

APPLICATION EXAMPLES:

- | Conveyance of beer and soft drinks.
- | Domestic drinking water systems.
- | Water treatment industry for chemical dosing.
- | Scientific and pharmaceutical chemical transfer.

Product Ref	P04	P05	P06	P08	P12	P06M	P08M	P10M	P12M
Internal Diameter	3/16"	1/4"	5/16"	3/8"	1/2"	6mm	8mm	10mm	12mm
Size O.D.	.117"	.170"	.212"	1/4"	3/8"	4mm	6mm	8mm	10mm
Weight per coil kgs	0.3	0.4	0.7	1.0	1.5	0.4	0.6	0.8	0.9
W.P.@ 20°C - 4.1 Safety (PSI)	230	226	180	190	135	200	160	118	90
W.P.@ 20°C - 4.1 Safety (BAR)	15.7	15.4	12.3	12.9	9.2	13.60	10.88	8.03	6.12
Minimum Burst Pressure (PSI)	920	904	720	760	540	800	640	472	360
Minimum Burst Pressure (BAR)	62.8	61.6	49.2	51.6	36.8	54.4	43.5	32.1	24.5
Manufacturing Tolerances ID:	+/- .005"					+/- 0.13mm			
Manufacturing Tolerances OD:	+/- .003"					+/- 0.08mm			
Material	Polyethylene								
Applicable Standards	FDA Approved								