

LOW DENSITY POLYTHENE TUBING

This type of tube is ideal in low pressure applications, predominantly with the pneumatics, brewing and food industry.

Manufacture from high quality materials which have the complete approval of the US F. and D.A. and B.G.A., they do not rely on a plasticiser for flexibility, which could be leeched out causing contamination. Therefore Low Density Polythene is perfect for conveying food based products.

TYPE: LOW DENSITY POLYETHYLENE TUBING						
IMPERIAL RANGE:						
TUBE O.D. (INCHES)	TUBE I.D. (INCHES)	WORKING PRESSURE (PSI)	WORKING PRESSURE (BAR)	BURSTING PRESSURE (PSI)	BURSTING PRESSURE (BAR)	WEIGHT (KG/MTR)
3/16	0.117	230	15	920	60	0.009
1/4	0.157	220	15	880	60	0.017
5/16	0.212	180	10	720	45	0.025
3/8	0.250	160	10	640	40	0.037
1/2	0.375	130	5	540	35	0.050

OTHER SIZES AVAILABLE ON REQUEST

Working Pressures and Temperatures

The working pressures quoted within the chart are based on the short term burst pressure calculated at 20°C using a 4 to 1 safety factor.

L.D.P. can be used at temperatures up to 55°C; at lower temperatures the tube will become less flexible.

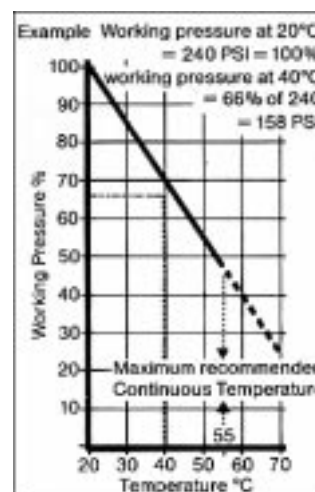
MEDIUM DENSITY POLYTHENE (M.D.P.) HIGH DENSITY
POLYTHENE (H.D.P.) ETHYLENE VINYL ACETATE (E.V.A.)
POLYPROPYLENE

We can manufacture tube from the above polymers, please contact our Technical Sales Department for advice regarding your specific requirements.

COIL LENGTHS

Standard coil length 30 metres, alternative coil lengths are available; further details may be obtained from our Technical Sales Office.

All our range of tube sizes are available in Natural. Various colours and tints can also be supplied.



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