



POLYETHYLENE TUBING PE



DESCRIPTION :

Polyethylene tubing PE is available in the internal diameter range from 2 mm to 16 mm. Common uses include air lines, gas and liquid lines, protection, insulation, shielding as well as in short pieces to mark wires and cables. Polyethylene tubing PE is made using virgin polyethylene and is available in two distinct product groups:

with defined outside diameter (3 mm up to 16 mm +/- 0.1 mm) to fit standard fittings and clamps;

with defined inside diameter (2 mm up to 16 mm +/- 0.1 mm) to fit standard fittings and couplings.

MATERIAL :

Virgin LDPE (low density polyethylene).

COLOUR :

Natural. Custom colours available upon request with minimum order quantity of 20 kg.

APPLICATIONS :

Air lines, gas and liquid lines, protection, insulation, shielding as well as in short pieces to mark wires and cables.

THERMAL PROPERTIES :

Temperature range : continuous -10°C up to +40°C

FLAMMABILITY :

Fire Hazard Class III

TESTS AND CERTIFICATION :

Meets the requirements of the European Directive 2002/95/WE (RoHS) dated January 27, 2003 restricting the use of some substances within electrical and electronic equipment.

PACKAGING :

Coils 50m, 100m in length

Custom packaging available upon request.

STANDARD TYPES AND DIMENSIONS :

| wall thicknesses 0,5mm | wall thicknesses 1,0mm | wall thicknesses 1,5mm | wall thicknesses 2,0mm |
|---------------------------|---------------------------|---------------------------|---------------------------|
| Ø 3/2 | Ø 4/2 | Ø 8/5 | Ø 12/8 |
| Ø 4/3 | Ø 5/3 | Ø 9/6 | Ø 14/10 |
| Ø 5/4 | Ø 6/4 | Ø 10/7 | Ø 15/11 |
| Ø 6/5 | Ø 7/5 | Ø 11/8 | Ø 16/12 |
| Ø 7/6 | Ø 8/6 | Ø 12/9 | Ø 17/13 |
| | Ø 9/7 | Ø 13/10 | Ø 18/14 |
| | Ø 10/8 | Ø 14/11 | Ø 19/15 |
| | Ø 12/10 | Ø 15/12 | Ø 20/16 |
| | Ø 14/12 | Ø 16/13 | Ø 21/17 |
| | Ø 16/14 | Ø 17/14 | Ø 22/18 |

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