

PLASTUB® PEBD

LDPE tube 49 Shore D
Food grade translucent



Description

Low-density polyethylene extruded tube

Applications

Pressurised transport of compressed air, chemical products, gas, lubricant

Fields

Maintenance, control, process, instrumentation

General characteristics

- Lightweight
- Small bend radius
- Physiologically inert
- Food grade
- Very good chemical resistance

Technical data

- Standard: * FDA-approved material: 21 CFR 177.1520, European regulations 1935/2004, 10/2011 and 2023/2006
- Temperature of use: -15 to +50°C
- Nominal hardness: **49 Shore D** as per ISO R 868
- Nominal density: 0.92 as per ISO 1183
 - Tensile strength: >12 Mpa as per ISO R 527
 - Elongation at break: >500 % as per ISO R 527
- Standard colour: translucent
- Recommended connection: compression tube fittings

Options (contact us)

- Other diameters
- Other solid colours
 - Cut to lengths
- Other packaging
- Surface marking
- Sheathed versions

Nominal internal diameter (mm)	Nominal outside diameter (mm)	Bending radius* (mm)	Operating pressure* (bar)	Burst pressure* (bar)	Nominal linear weight (g/m)	Standard packaging	
						Roll (m)	Drum (m)
2	4	19	21	72	9	100	500
4	6	31	13	42	14	100	500
6	8	42	10	32	20	100	500
8	10	68	6	19	26	100	500
10	12	100	5	16	32	100	-

Coefficient applicable to operating temperature according to the temperature

+20°C	+30°C	+50°C
100%	83%	64%

Standard tolerances: refer to pages 115 to 118.

*Values provided for information purposes for an ambient temperature of 23°C.



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To ensure optimal use of our products, we recommend full tests in real-life situations.

To this end, our sales department is on hand to supply samples and/or to examine the conditions of comprehensive testing in our laboratories.

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