

## SPECIAL POLYMER EXTRUDED TUBES

### ELASTUB® PTFE

PTFE tube 60 Shore D / 250°C  
Food grade translucent



#### Description

Polytetrafluoroethylene extruded tube

#### Applications

Pressurised transport of chemically aggressive fluids, gas

#### Fields

Medical, pharmaceutical, agriculture, laboratory, cosmetics

#### General characteristics

- UV resistance
- Exceptional chemical resistance
- Anti-adhesive
  - Food grade
- Temperature resistance
  - Non-inflammable
  - Fire resistance

#### Technical data

- Standard: \* Approved material  
FDA 21 CFR 177.1550
- Temperature of use: **-200 to +250°C**
- Nominal hardness: **60 Shore D**  
as per ISO R 868
- Nominal density: 2.20 as per ISO R 527
  - Tensile strength: ≥25 Mpa  
as per ISO R 527
- Elongation at break: >300 % as per ISO 37
  - Flame resistance UL94 V0
- Standard colour: translucent
- Peak temperature: **+280°C**
- Recommended connection:  
compression tube fittings

#### Options (contact us)

- Other diameters
- Other solid colours
  - Cut to lengths
- Other packaging
- Braided versions
- Sheathed versions
- Antistatic 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	20	23	92	20	100	500
4	6	40	15	60	34	100	500
6	8	60	11	44	48	100	500
8	10	80	9	36	61	100	-
10	12	100	8	32	75	100	-

Coefficient applicable to operating temperature according to the temperature

+20°C	+50°C	+100°C	+150°C	+200°C	+250°C
100%	85%	65%	50%	35%	25%

Standard tolerances: refer to pages 115 to 118.

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

The information given in this technical data sheet is indicative and subject to change without prior notice. As the conditions of use and the environment in which the product is used cannot be fully covered in our design work, PLASTUB shall not assume liability for any incidents in the event of inappropriate use and/or not carried out according to best practices and applicable standards.

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.

© Registered trademark of PLASTUB. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of PLASTUB.



Zone Industrielle 63600 AMBERT - France

Tel. + 33 (0)4 73 82 44 36

e-mail: [plastub@omerin.com](mailto:plastub@omerin.com)

[www.plastub.fr](http://www.plastub.fr)