

ELASTUB® FEP

FEP tube 55 Shore D / 200°C
Food grade crystal



Description

Fluorinated ethylene propylene extruded tube

Applications

Pressurised transport of chemically aggressive fluids

Fields

Medical, pharmaceutical, agriculture, laboratory, cosmetics

General characteristics

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

Technical data

- Standard: * Approved material FDA 21 CFR 177 1550
- Temperature of use: **-70 to +200°C**
- Nominal hardness: **55 Shore D** as per ISO R 868
- Nominal density: 2.15 as per ISO R 527
- Elongation at break: >300 % as per ISO 37
 - Standard colour: crystal
 - Peak temperature: **+230°C**
 - Recommended connection: compression tube fittings

Options (contact us)

- Other diameters
- Other solid colours
 - Cut to lengths
- Other packaging
- 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	16	30	150	20	100	500
4	6	36	19	96	34	100	500
6	8	64	14	70	48	100	500
8	10	100	11	55	61	100	-
10	12	144	9	45	75	100	-

Coefficient applicable to operating temperature according to the temperature

+20°C	+50°C	+100°C	+150°C
100%	80%	45%	20%

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.

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