

SILITUBE® SI70

Silicone tube
70 Shore A / 180°C
Food grade translucent



Description

Peroxide-cured silicone elastomer extruded tube

Applications

Unpressurised transport of food grade liquids, alcohols, acids

Fields

Medical, pharmaceutical, agriculture, laboratory, cosmetics

General characteristics

- Flexible and elastic
- Food grade
- Resistant to high temperatures
- Good resistance to aggressive fluids, alcohols and acids
- Excellent weather resistance, UV
- Water-repellent
- Chemically inert and biologically neutral

Technical data

- Standard: * FDA-approved material: 21 CFR 177.2600, European regulation 1935/2004, European pharmacopeia section 3.1/9
- Tube approved for food contact as per the specifications of standard NF EN 1186, decree of 25/11/1992 as well as European regulations 1935/2004 and 10/2011.
- Temperature of use: **-60 to +180°C**
- Nominal hardness: **70 Shore A** as per DIN 53505
- Nominal density: 1.19 as per ISO 1183
 - Tensile strength: >10 Mpa as per DIN 53504 S1
 - Elongation at break: >400 % as per DIN 53504 S1
- Standard colour: translucent
- Peak temperature: **+200°C**
- Recommended connection: nipple with lug clamp or band clamp

Nominal internal diameter (mm)	Nominal outside diameter (mm)	Nominal thickness (mm)	Nominal linear weight (g/m)	Standard packaging Roll (m)
1	3	1	7	100
2	4	1	11	100
2	6	2	30	100
3	5	1	15	100
3	6	1,5	25	100
4	6	1	19	50
4	7	1,5	31	50
4	8	2	45	50
5	8	1,5	36	50
5	10	2,5	70	50
5	15	5	187	50
6	9	1,5	42	50
6	10	2	60	50
6	12	3	101	25
6	18	6	269	25
7	10	1,5	48	50
7	11	2	67	50
7	13	3	112	50
8	12	2	75	50
8	14	3	123	50
8	16	4	179	25
9	12	1,5	59	50
10	14	2	90	50
10	16	3	146	25
10	18	4	209	25
12	16	2	105	50
12	17	2,5	135	50
15	21	3	202	25
16	22	3	213	25
18	24	3	235	25
20	27	3,5	307	25
22	29	3,5	333	25
25	32	3,5	373	25

Standard tolerances: refer to pages 115 to 118.

Options (contact us)

- Other diameters
- Other solid colours
- Cut to lengths
- Other packaging
- Braided versions

Variant

SILITUBE® SI70HP
Silicone tube 70 Shore A / 180°C
Translucent high mechanical properties



Zone Industrielle 63600 AMBERT - France
Tel. + 33 (0)4 73 82 44 36
e-mail: plastub@omerin.com

www.plastub.fr

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.