

SILITUBE® SI50

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



Description

Peroxide-cured silicone elastomer extruded tube

Applications

Unpressurised transport of food grade fluids, alcohols, acids
 Peristaltic pumps, doser pumps

Fields

Medical, pharmaceutical, agriculture, laboratory, cosmetics

General characteristics

- Extra flexible and elastic
- Food grade
- Can be sterilised in autoclave
- Resistant to high temperatures
- Good resistance to aggressive fluids, alcohols and acids
- Excellent weather resistance, UV
- Water-repellent
- Chemically inert and biologically neutral
- Good resistance to dynamic fatigue
- Low deformation under compression and traction

Technical data

- Standard: * FDA-approved material: 21 CFR 177.2600, European regulation 1935/2004
- Temperature of use: **-60 to +180°C**
- Nominal hardness: **50 Shore A** as per DIN 53505
- Nominal density: 1.14 as per ISO 1183
- Tensile strength: >12 Mpa as per DIN 53504 S1
- Elongation at break: >700 % 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	29	100
3	5	1	14	100
3	6	1,5	24	100
4	6	1	18	50
4	7	1,5	30	50
4	8	2	43	50
5	8	1,5	35	50
5	10	2,5	67	50
5	15	5	179	50
6	9	1,5	40	50
6	10	2	57	50
6	12	3	97	25
6	18	6	258	25
7	10	1,5	46	50
7	11	2	65	50
7	13	3	107	50
8	12	2	72	50
8	14	3	118	50
8	16	4	172	25
9	12	1,5	56	50
10	14	2	86	50
10	16	3	140	25
10	18	4	201	25
12	16	2	100	50
12	17	2,5	130	50
15	21	3	193	25
16	22	3	204	25
18	24	3	226	25
20	27	3,5	295	25
22	29	3,5	320	25
25	32	3,5	357	25

Standard tolerances: refer to pages 115 to 118.

Options (contact us)

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



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.