SILICONE ELASTOMER EXTRUDED TUBES

SILITUBE® SI260

Silicone tube 60 Shore A / 180°C Food grade crystal Platinum-cured

FDA* REGISTERED



Description
Platinum-cured silicone elastomer extruded tube

Applications
Unpressurised transport of acid fluids

Fields
Medical, pharmaceutical, agriculture, laboratory, cosmetics

General characteristics
- Resistant to high temperatures
- Enhanced mechanical properties
- Highly transparent
- Good resistance to aggressive fluids, alcohols and acids
- Excellent weather resistance
- Water-repellent
- Chemically inert and biologically neutral
- Odourless

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: **60 Shore A** as per ISO7619-1
- Nominal density: 1.18 as per ISO 2781
- Tensile strength: >10.5 Mpa as per ISO 37
- Elongation at break: >530 % as per ISO 37
- Tear resistance: 32kN/m as per ASTMD624B
- Standard colour: crystal
- 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
10	23	6,5	384	25
11	17	3	151	25
11	18	3,5	182	25
12	16	2	100	50
12	17	2,5	130	50
14	24	5	340	25
14	25	5,5	384	25
14	26	6	430	25
15	21	3	193	25
15	25	5	358	25
16	25	4,5	330	25
16	27	5,5	432,5	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.

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Diamètre intérieur nominal (mm)	Diamètre extérieur nominal (mm)	Épaisseur nominale (mm)	Masse linéique nominale (g/m)	Conditionnement standard Couronne (m)
7	13	3	211	20
7	14	3,5	263	20

Variant
SILITUBE® SI270
Silicone tube 70 Shore A / 180°C
Platinum-cured food grade crystal

SILITUBE® SI250
Silicone tube 50 Shore A / 180°C
Platinum-cured food grade crystal

Options *(contact us)*
- Other diameters
- Other solid colours
- Cut to lengths
- Other packaging
- Braided versions

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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