

## SILITUBE® SI80

**Silicone tube**  
**80 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
- Can be sterilised in autoclave
- Good resistance to aggressive fluids, alcohols and acids
- Excellent weather resistance
- Water-repellent
- Chemically inert and biologically neutral

### Technical data

- Standard: \* FDA-approved material 21 CFR 177.2600, European regulation 1935/2004
  - Temperature of use: **-60 to +180°C**
  - Nominal hardness: **80 Shore A** as per DIN 53505
- Nominal density: 1.20 as per ISO 1183
  - Tensile strength: >10.5 Mpa as per DIN 53504 S1
  - Elongation at break: >280 % as per DIN 53504 S1
- Standard colour: translucent
- Peak temperature: **+200°C**
- Recommended connection: nipple with lug clamp or band clamp

### Options (contact us)

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

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.



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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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