

SILICONE ELASTOMER EXTRUDED RODS AND CORDS

RODS, CORDS & PROFILES

SILFORM® ROD SI70

Silicone rod
70 Shore A 180 °C
Food grade translucent



Description

Silicone elastomer extruded rod

Applications

Leaktight seal

Fields

Miscellaneous industries

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 and anti-adhesive
- 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
- Temperature of use: **-60°C 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**

Options (contact us)

- Other diameters
- Other solid colours
 - Cut to lengths
- Other packaging
- Other hardness values

Nominal outside diameter (mm)	Nominal linear weight (g/m)	Standard packaging Roll (m)
1	1	250
2	4	250
3	8	100
4	15	100
5	23	100
6	33	100
7	45	100
8	60	50
10	94	50

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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