

SILICONE ELASTOMER EXTRUDED TUBES, WITH REINFORCING BRAID

REINFORCED TUBES

SILITUBE® SITIA

Silicone tube with stainless steel braid, food grade



Description

Silicone elastomer extruded tube, stainless steel wire braid

Applications

Pressurised transport of food grade liquids, alcohols, acids, steam

Fields

Electrical appliances, agriculture

General characteristics

- Flexible
- Food grade
- Resistance to pressure and temperature
- Good resistance to aggressive fluids, alcohols and acids

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 decree of 25/11/1992 as well as European regulations 13935/2004 and 10/2011.
- Temperature of use: **-60 to +180°C**
 - AISI 304 stainless steel braid
 - Recommended connection: nipple with low-pressure crimping ferrule

Options (contact us)

- Other diameters
- Other packaging
- Sheathed versions
 - Other braids
- Hoses fitted with crimped connectors
- Other qualities of interior tubes

Nominal internal diameter (mm)	Diameter on braid (mm)	Bending radius* (mm)	Operating pressure* (bar)	Burst pressure* (bar)	Nominal linear weight (g/m)	Standard packaging Roll (m)
4	8	30	42	120	65	100
6	10,5	40	37	110	100	100
8	12,8	55	37	110	135	50
10	14,8	75	35	105	170	50
12	17,8	85	27	80	220	50
15	21,8	145	26	75	340	25
20	28	220	22	65	420	25
25	33	320	17	50	640	25

Standard tolerances: refer to pages 115 to 118.

*Values provided for information purposes for an ambient temperature of 23°C.



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.