

Master-SIL SD Food

Silicone Pressure Hose, Food-grade Quality (FDA)



Technical Drawing



Connections



Material

- spiral: spring steel wire (stainless steel 1.4310)
- wall: multi-ply, braided polyester fabric coated with platinum cured silicone, food grade (FDA)
- Wall thickness c. 5.0 mm

Applications

- Food industry
- Pharmaceutical industry
- Suction and transport hose for powder and liquid media in the food industry
- When using the corresponding connectors, the hose can remain in the pipeline for cleaning purposes
- Chemicals industry
- Machine development for cosmetic products

Properties

- Food-grade conformal acc. to BfR and FDA standards and therefore fully suitable for applications in food industry
- Manufacturing process according to GMP EC 2023/2006
- USP Class VI certified
- flexible
- small bending radius

- smooth inner and outer linings
- steam resistant
- odourless/tasteless
- high pressure resistance
- optimum flow characteristics
- good chemical resistance

Temperature Range

- -60°C to +200°C

Product Variations

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	article no.	max. production length
	bar	bar	mm	mm	kg		m
13	11	0,88	40	23	0,42	000491:13:x	20
16	10	0,88	45	26	0,5	000491:16:x	20
19	10	0,88	55	29	0,57	000491:19:x	20
25	9	0,88	65	35	0,71	000491:25:x	20
32	8	0,88	95	42	0,87	000491:32:x	20
38	7	0,88	110	48	1,1	000491:38:x	20
51	6	0,88	150	60	1,37	000491:51:x	20
65	5	0,88	180	75	1,8	000491:65:x	20
76	4	0,88	240	87	2,15	000491:76:x	20
100	2,5	0,88	360	112	3,1	000491:100:x	20

All data refers to a medium and ambient temperature of +20 °C.

* Refers to the inner hose lining

Subject to technical changes and colour deviations.

Available on request

- Available on request in above listed lengths, sizes and colours. Alternatively, other lengths, sizes, colours, with print.