



Master-SIL SD Food

Article Master No.: 000491

Silicone Pressure Hose, Food-grade Quality (FDA)

hydrolysis resistant | food approved | microbe resistant | moderately flexible | heavy | very pressure resistant

Product Details

Construction / Material

- Type of construction: single or multi-layer spiral hose made of vulcanized fabric strips
- Spiral Design: made from stainless steel wire
- Material of the spiral: stainless steel 1.4310, spring steel
- Execution of the wall: made of specified material, coated, coating made of platinum cross-linked silicone, multi-layered and braided, wall thickness approx. 5.0 mm
- Material of the wall: polyester fabric
- Specifications of the wall: material complies with the food regulations of BfR XXXIX, material is USP Class VI certified

Properties

- Specifications of the product: manufacturing process according to GMP EC 2023/2006
- Chemical Properties: odourless and tasteless, good resistance to chemicals
- Flexibility: moderately flexible
- Weight: heavy
- Pressure Resistance: very pressure resistant
- Colour: transparent
- Other: high vacuum and good pressure resistance

Operating Temperature

- Temperature Range: -60to 200°C

Delivery Information

- Delivery, type of production: various nominal diameters are available ex production, individual nominal diameters also ex stock

Application Areas

- Areas of application: Chemistry, Food & Pharma, Plastics

Customizing Options

- optional item modification (on request): other colours, other nominal widths, with customer-specific imprint

Article Variants

Extended Article Number	Nominal Size (DN) in mm	Outer diameter in mm	Bending radius* in mm	Weight in kg/m	Operating pressure in bar	Negative pressure in bar	Max. Production length in m	Stock Lengths in m	Length (standard lengths available for order) in m
000491:13:x	13	23	40	0.42	11.00	0.88	30.00	/	5 / 10 / 15 / 20
000491:16:x	16	26	45	0.50	10.00	0.88	30.00	/	5 / 10 / 15 / 20
000491:19:x	19	29	55	0.57	10.00	0.88	30.00	/	5 / 10 / 15 / 20
000491:25:x	25	35	65	0.71	9.00	0.88	30.00	/	5 / 10 / 15 / 20
000491:32:x	32	42	95	0.87	8.00	0.88	30.00	/	5 / 10 / 15 / 20
000491:38:x	38	48	110	1.10	7.00	0.88	30.00	/	5 / 10 / 15 / 20
000491:51:x	51	61	150	1.37	6.00	0.88	30.00	/	5 / 10 / 15 / 20
000491:65:x	65	76	180	1.80	5.00	0.88	10.00	/	5 / 10
000491:76:x	75	87	240	2.15	4.00	0.88	20.00	/	5 / 10 / 15 / 20
000491:100:x	100	112	360	3.10	2.50	0.88	20.00	/	5 / 10 / 15 / 20

All data refer to a medium and ambient temperature of +20°C.
Specification of the bending radius related to the inside of the hose bend
Subject to technical changes and colour deviations

Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

Disposal instructions

After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).

Suitable for the product



Hose Clamp with Bolts
special clamp for fastening medium and heavy spiral hoses to connection pipes on mobile and stationary units



Hose Clamp with Bolts, Steel quality W4, stainless steel 1.4301
Special clamp for fastening medium and heavy spiral hoses to connection pipes on mobile and stationary units



Individual consultation

We offer consultation by phone: **+49 209 97077 0**

Product requests via: **https://www.masterflex-slang.nl/**

Headquarters for your sales area

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