Master-SIL 2

Article Master No.: 000495

Medium and high temperature hose for temperatures up to +250 °C, two layers

hydrolysis resistant | microbe resistant | compressible | very flexible | light | pressure resistant

Product Details

Construction / Material

- Type of construction: single or multi-layer spiral hose made of vulcanized fabric strips
- Material of the spiral: spring steel
- Execution of the wall: double-layered, coating in silicone
- Material of the wall: glass fibre fabric
- Material of the inner layer: glass fabric
- Material of the outer layer: glass fabric
- Design of the cord: designed as twin cord
- Material of the cord: glass fibre yarn

Properties

- Chemical Properties: good resistance to chemicals
- Mechanical Properties: kink-proof
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: pressure resistant
- Colour: red

Operating Temperature

- Temperature Range: -70 to 250 °C
- short-term maximum temperature: -70 °C to +300 °C
- proper use: in the maximum lower and upper temperature ranges, suitable only for static applications

Delivery Information

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

Application Areas

- Areas of application: Automotive, Plant & Mechanical Engineering, Industry, aviation technology, Ventilation & Air-conditioning, Bulk & Construction, Sea & Rail transport, Chemistry, Food & Pharma, Plastics, Printing & Paper, Vehicle Construction, Metal & Toolmaking

Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with spiral-free end sleeves, with plastic spiral

Article Variants

Extended Article Number	Nominal Size (DN) 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
000495:13:x	13	15	0.16	2.80	0.64	4.00	/	4
000495:19:x	19	15	0.19	2.80	0.64	4.00	4	4
000495:25:x	25	15	0.22	2.80	0.64	4.00	4	4
000495:30:x	30	15	0.25	2.80	0.64	4.00	4	4
000495:32:x	32	16	0.26	2.80	0.64	4.00	4	4
000495:38:x	38	18	0.31	2.60	0.59	4.00	4	4
000495:41:x	41	19	0.32	2.60	0.59	4.00	4	4
000495:44:x	44	21	0.34	2.60	0.55	4.00	4	4
000495:45:x	45	21	0.34	2.60	0.55	4.00	4	4
000495:51:x	51	24	0.36	2.60	0.51	4.00	4	4
000495:55:x	55	27	0.42	2.50	0.48	4.00	/	4
000495:57:x	57	28	0.43	2.50	0.48	4.00	/	4
000495:60:x	60	31	0.47	2.40	0.47	4.00	4	4
000495:63:x	63	31	0.49	2.40	0.47	4.00	4	4
000495:65:x	65	31	0.50	2.40	0.47	4.00	4	4
000495:70:x	70	35	0.53	2.30	0.43	4.00	/	4
000495:76:x	76	38	0.58	2.20	0.42	4.00	4	4
000495:80:x	80	40	0.62	2.10	0.41	4.00	4	4
000495:83:x	83	42	0.64	2.10	0.40	4.00	4	4
000495:90:x	90	44	0.69	2.00	0.39	4.00	4	4
000495:95:x	95	48	0.73	1.90	0.36	4.00	/	4
000495:102:x	102	52	0.77	1.90	0.34	4.00	4	4
000495:108:x	108	55	0.83	1.70	0.30	4.00	/	4
000495:110:x	110	57	0.85	1.70	0.29	4.00	/	4
000495:114:x	114	57	0.89	1.60	0.28	4.00	4	4
000495:120:x	120	61	0.94	1.60	0.28	4.00	4	4

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000495:127:x	127	64	1.00	1.40	0.25	4.00	4	4
000495:130:x	130	65	1.02	1.30	0.23	4.00	4	4
000495:140:x	140	70	1.11	1.30	0.19	4.00	/	4
000495:152:x	152	75	1.20	1.20	0.17	4.00	4	4
000495:160:x	160	80	1.28	1.10	0.15	4.00	4	4
000495:165:x	165	83	1.32	1.00	0.14	4.00	/	4
000495:180:x	180	90	1.48	1.00	0.12	4.00	4	4
000495:203:x	203	101	1.65	0.70	0.09	4.00	4	4
000495:229:x	229	125	1.90	0.60	0.08	4.00	/	4
000495:254:x	254	150	2.14	0.50	0.07	4.00	4	4
000495:305:x	305	210	2.58	0.30	0.04	4.00	4	4

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 connector
Sheet steel connector for extending, connecting and joining light to medium-weight hoses

Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses

Hose Clamp with Worm-Gear
Standard clamp for fastening light hose types to connecting pieces on mobile and stationary installations

Hose Clamp with Worm-Gear, Steel quality W4, stainless steel 1.4301
Standard clamp for fastening light hose types to connecting pieces on mobile and stationary installations

Heat Shrink Cuff
Heat shrink sleeve for easy connection and sealing of hoses

Individual consultation

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

Product requests via: **https://www.masterflex.de/**

Headquarters for your sales area

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