

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 - 250
- short-term maximum temperature: short-term -85 °C to 300 °C

Delivery Information

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

Application Areas

- Areas of application: Automotive, Plant & Mechanical Engineering, Industry, Aerospace 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	Article number	Nominal Size (DN) mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Stock Lengths m
000495:13:x	000495	13	15	0.16	2.80	0.64	4.00	
000495:19:x	000495	19	15	0.19	2.80	0.64	4.00	4.00
000495:25:x	000495	25	15	0.22	2.80	0.64	4.00	4.00
000495:30:x	000495	30	15	0.25	2.80	0.64	4.00	
000495:32:x	000495	32	16	0.26	2.80	0.64	4.00	4.00
000495:38:x	000495	38	18	0.31	2.60	0.59	4.00	4.00
000495:41:x	000495	41	19	0.32	2.60	0.59	4.00	4.00
000495:42:x	000495	42	19	0.32	2.60	0.59	4.00	
000495:44:x	000495	44	21	0.34	2.60	0.55	4.00	4.00
000495:45:x	000495	45	21	0.34	2.60	0.55	4.00	
000495:51:x	000495	51	24	0.36	2.60	0.51	4.00	4.00
000495:55:x	000495	55	27	0.42	2.50	0.48	4.00	
000495:57:x	000495	57	28	0.43	2.50	0.48	4.00	
000495:60:x	000495	60	31	0.47	2.40	0.47	4.00	4.00
000495:63:x	000495	63	31	0.49	2.40	0.47	4.00	4.00
000495:64:x	000495	64	31	0.49	2.40	0.47	4.00	4.00
000495:65:x	000495	65	31	0.50	2.40	0.47	4.00	4.00
000495:70:x	000495	70	35	0.53	2.30	0.43	4.00	4.00
000495:76:x	000495	76	38	0.58	2.20	0.42	4.00	4.00
000495:80:x	000495	80	40	0.62	2.10	0.41	4.00	4.00
000495:83:x	000495	83	42	0.64	2.10	0.40	4.00	4.00
000495:90:x	000495	90	44	0.69	2.00	0.39	4.00	4.00
000495:95:x	000495	95	48	0.73	1.90	0.36	4.00	
000495:102:x	000495	102	52	0.77	1.90	0.34	4.00	4.00
000495:108:x	000495	108	55	0.83	1.70	0.30	4.00	
000495:110:x	000495	110	57	0.85	1.70	0.29	4.00	
000495:114:x	000495	114	57	0.89	1.60	0.28	4.00	

Extended Article Number	Article number	Nominal Size (DN) mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Stock Lengths m
000495:120:x	000495	120	61	0.94	1.60	0.28	4.00	4.00
000495:127:x	000495	127	64	1.00	1.40	0.25	4.00	4.00
000495:130:x	000495	130	65	1.02	1.30	0.23	4.00	4.00
000495:140:x	000495	140	70	1.11	1.30	0.19	4.00	4.00
000495:152:x	000495	152	75	1.20	1.20	0.17	4.00	4.00
000495:160:x	000495	160	80	1.28	1.10	0.15	4.00	4.00
000495:165:x	000495	165	83	1.32	1.00	0.14	4.00	
000495:180:x	000495	180	90	1.48	1.00	0.12	4.00	4.00
000495:203:x	000495	203	101	1.65	0.70	0.09	4.00	4.00
000495:229:x	000495	229	125	1.90	0.60	0.08	4.00	
000495:254:x	000495	254	150	2.14	0.50	0.07	4.00	4.00
000495:305:x	000495	305	210	2.58	0.30	0.04	4.00	

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.

Possible Connection Elements



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



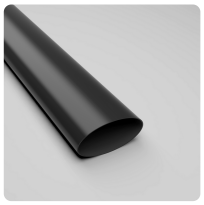
Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



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:
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Product requests via masterflex.de/en

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