



Master-NEO 1

Article Master No.: 000479

Medium and high temperature hose for temperatures up to +135 °C



hydrolysis resistant



microbe resistant



compressible



very flexible



light



moderately pressure resistant

Product Details

Construction / Material

- Type of construction: single or multi-layer spiral hose made of vulcanized fabric strips
- Execution of the wall: single layer executed / coating of neoprene
- Material of the wall: glass fabric
- Design of the cord: designed as 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: moderately pressure resistant
- Colour: black

Operating Temperature

- Temperature Range: -35 to 135 °C
- short-term maximum temperature: short-term -55 °C to 150 °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 / Wood / Chemistry / Plastics / Conveying, lifting & feeding technology / Printing & Paper / Vehicle Construction / Metal & Toolmaking

Customizing Options

- optional item modification (on request): other colours / other nominal widths / with customer-specific imprint / 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	Length (standard lengths available for order) m
000479:13:x	000479	13	8	0.10	1.70	0.51	4.00	/	4
000479:19:x	000479	19	8	0.11	1.60	0.50	4.00	/	4
000479:22:x	000479	22	8	0.12	1.60	0.50	4.00	4	4
000479:25:x	000479	25	8	0.12	1.60	0.50	4.00	/	4
000479:30:x	000479	30	10	0.14	1.40	0.49	4.00	/	4
000479:32:x	000479	32	11	0.15	1.37	0.49	4.00	4	4
000479:35:x	000479	35	11	0.15	1.35	0.49	4.00	/	4
000479:38:x	000479	38	12	0.17	1.30	0.49	4.00	4	4
000479:41:x	000479	41	13	0.20	1.30	0.47	4.00	/	4
000479:44:x	000479	44	14	0.21	1.20	0.45	4.00	4	4
000479:45:x	000479	45	14	0.21	1.20	0.45	4.00	/	4
000479:51:x	000479	51	16	0.25	1.20	0.42	4.00	4	4
000479:55:x	000479	55	18	0.27	1.10	0.41	4.00	4	4
000479:57:x	000479	57	18	0.28	1.10	0.40	4.00	4	4
000479:60:x	000479	60	20	0.30	1.10	0.39	4.00	4	4
000479:63:x	000479	63	22	0.32	1.10	0.38	4.00	4	4
000479:65:x	000479	65	22	0.34	1.10	0.37	4.00	/	4
000479:70:x	000479	70	24	0.36	1.10	0.35	4.00	4	4
000479:76:x	000479	76	27	0.41	1.10	0.33	4.00	4	4
000479:80:x	000479	80	28	0.44	1.00	0.31	4.00	/	4
000479:83:x	000479	83	28	0.46	1.00	0.30	4.00	4	4
000479:90:x	000479	90	29	0.49	1.00	0.29	4.00	4	4
000479:95:x	000479	95	32	0.56	0.90	0.28	4.00	/	4
000479:102:x	000479	102	35	0.65	0.90	0.26	4.00	4	4
000479:108:x	000479	108	38	0.68	0.90	0.24	4.00	/	4
000479:110:x	000479	110	38	0.69	0.90	0.24	4.00	/	4
000479:114:x	000479	114	40	0.71	0.90	0.22	4.00	4	4
000479:120:x	000479	120	43	0.76	0.80	0.20	4.00	/	4
000479:127:x	000479	127	46	0.80	0.80	0.17	4.00	4	4
000479:130:x	000479	130	47	0.82	0.80	0.17	4.00	/	4

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	Length (standard lengths available for order) m
000479:140:x	000479	140	48	0.90	0.70	0.15	4.00	/	4
000479:152:x	000479	152	51	0.99	0.70	0.14	4.00	4	4
000479:160:x	000479	160	53	1.05	0.60	0.13	4.00	4	4
000479:165:x	000479	165	55	1.08	0.60	0.12	4.00	/	4
000479:180:x	000479	180	60	1.19	0.60	0.11	4.00	/	4
000479:203:x	000479	203	68	1.33	0.50	0.07	4.00	4	4
000479:229:x	000479	229	84	1.48	0.40	0.06	4.00	/	4
000479:254:x	000479	254	102	1.68	0.40	0.04	4.00	/	4
000479:305:x	000479	305	123	2.05	0.20	0.02	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 97077-112

Product requests via
[masterflex.de/en](https://www.masterflex.de/en)

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

