

# 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 - 135
- 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
000479:13:x	000479	13	8	0.10	1.70	0.51	4.00	
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
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	
000479:32:x	000479	32	11	0.15	1.37	0.49	4.00	4
000479:35:x	000479	35	11	0.15	1.35	0.49	4.00	
000479:38:x	000479	38	12	0.17	1.30	0.49	4.00	4
000479:41:x	000479	41	13	0.20	1.30	0.47	4.00	
000479:42:x	000479	42	13	0.20	1.20	0.47	4.00	
000479:44:x	000479	44	14	0.21	1.20	0.45	4.00	4
000479:45:x	000479	45	14	0.21	1.20	0.45	4.00	
000479:51:x	000479	51	16	0.25	1.20	0.42	4.00	4
000479:55:x	000479	55	18	0.27	1.10	0.41	4.00	4
000479:57:x	000479	57	18	0.28	1.10	0.40	4.00	4
000479:60:x	000479	60	20	0.30	1.10	0.39	4.00	4
000479:63:x	000479	63	22	0.32	1.10	0.38	4.00	4
000479:64:x	000479	64	22	0.32	1.10	0.38	4.00	
000479:65:x	000479	65	22	0.34	1.10	0.37	4.00	
000479:70:x	000479	70	24	0.36	1.10	0.35	4.00	4
000479:76:x	000479	76	27	0.41	1.10	0.33	4.00	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
000479:90:x	000479	90	29	0.49	1.00	0.29	4.00	4
000479:91:x	000479	91	29	0.49	1.00	0.29	4.00	
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
000479:108:x	000479	108	38	0.68	0.90	0.24	4.00	
000479:110:x	000479	110	38	0.69	0.90	0.24	4.00	
000479:114:x	000479	114	40	0.71	0.90	0.22	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
000479:120:x	000479	120	43	0.76	0.80	0.20	4.00	
000479:127:x	000479	127	46	0.80	0.80	0.17	4.00	4
000479:130:x	000479	130	47	0.82	0.80	0.17	4.00	
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
000479:160:x	000479	160	53	1.05	0.60	0.13	4.00	4
000479:165:x	000479	165	55	1.08	0.60	0.12	4.00	
000479:180:x	000479	180	60	1.19	0.60	0.11	4.00	
000479:203:x	000479	203	68	1.33	0.50	0.07	4.00	4
000479:229:x	000479	229	84	1.48	0.40	0.06	4.00	
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

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



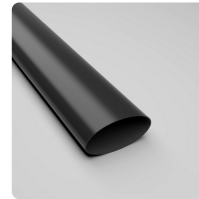
### Hose Clamp with Worm-Gear

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:  
+49 209 97077-112

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

## Address Headquarters

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