

Master-Clip SILICON

Article Master No.: 000291

Mittel- und Hochtemperaturschlauch für Temperaturen bis +300°C



hydrolysis resistant



microbe resistant



compressible



very flexible



light



moderately pressure resistant

Product Details

Construction / Material

- Type of construction: spiral hose with clamping profile
- Design of the helix: metal band, formed as a clamping profile
- Material of the helix: steel strip, hot-dip galvanised
- Design of the external spiral: designed as an additional protective profile
- Execution of the wall: made of specified material, coated, coating in silicone, single layer executed
- Material of the wall: glass fibre fabric
- Specifications of the wall: flame retardant

Properties

- Chemical Properties: good UV resistance, good ozone resistance
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Physical Properties: heat-resistant
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: silver grey

Operating Temperature

- Temperature Range: -60 - 300
- short-term maximum temperature: peaks to 350 °C

Delivery Information

- Delivery, type of production: order-related production

Application Areas

- Areas of application: Aerospace technology, Ventilation & Air-conditioning, Sea & Rail transport, Vehicle Construction

Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with stainless steel 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
000291:40:x	000291	40	24	0.40	0.88	0.37	15.00
000291:45:x	000291	45	27	0.40	0.87	0.35	15.00
000291:50:x	000291	50	30	0.40	0.85	0.31	15.00
000291:55:x	000291	55	33	0.40	0.78	0.26	15.00
000291:60:x	000291	60	36	0.50	0.68	0.22	15.00
000291:65:x	000291	65	39	0.50	0.59	0.19	15.00
000291:70:x	000291	70	42	0.50	0.53	0.16	15.00
000291:75:x	000291	75	45	0.60	0.47	0.14	15.00
000291:80:x	000291	80	48	0.60	0.43	0.12	15.00
000291:90:x	000291	90	54	0.60	0.36	0.10	15.00
000291:100:x	000291	100	60	0.60	0.30	0.08	15.00
000291:110:x	000291	110	66	0.70	0.26	0.07	15.00
000291:120:x	000291	120	72	0.70	0.22	0.06	15.00
000291:125:x	000291	125	75	0.80	0.21	0.05	15.00
000291:130:x	000291	130	78	0.80	0.20	0.05	15.00
000291:140:x	000291	140	84	0.80	0.18	0.04	15.00
000291:150:x	000291	150	90	0.90	0.16	0.04	15.00
000291:160:x	000291	160	96	0.90	0.14	0.03	15.00
000291:170:x	000291	170	102	0.90	0.13	0.03	15.00
000291:175:x	000291	175	105	1.00	0.12	0.03	15.00
000291:180:x	000291	180	108	1.00	0.12	0.02	15.00
000291:200:x	000291	200	120	1.20	0.10	0.02	15.00
000291:215:x	000291	215	151	1.30	0.09	0.02	15.00
000291:225:x	000291	225	158	1.40	0.08	0.02	15.00
000291:250:x	000291	250	175	1.60	0.07	0.01	15.00
000291:275:x	000291	275	193	1.90	0.06	0.01	15.00
000291:300:x	000291	300	210	2.10	0.05	0.01	15.00
000291:315:x	000291	315	221	2.10	0.05	0.01	15.00
000291:325:x	000291	325	228	2.20	0.05	0.01	15.00
000291:350:x	000291	350	245	2.50	0.04	0.01	15.00

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
000291:375:x	000291	375	263	2.90	0.04	0.01	15.00
000291:400:x	000291	400	280	3.10	0.03	0.01	15.00
000291:450:x	000291	450	360	3.60	0.03	0.01	15.00
000291:500:x	000291	500	400	4.10	0.02	0.01	15.00
000291:550:x	000291	550	440	4.60	0.02	0.01	10.00
000291:600:x	000291	600	480	5.10	0.02	0.01	10.00
000291:700:x	000291	700	560	6.00	0.01	0.01	10.00
000291:800:x	000291	800	640	6.90	0.01	0.01	10.00
000291:900:x	000291	900	720	7.80	0.01	0.01	10.00

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.

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)).

Possible Connection Elements



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



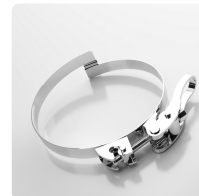
Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



Clip-Grip Hose Clamp, screwable
Screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



Clip-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
Screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



Clip-Grip Quick-Fix Clamp
Special clamp for attaching all hose types from the Master-Clip series to mobile and stationary units.

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

