



## 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, other colours, other spiral distance, 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

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
000291:350:x	000291	350	245	2.50	0.04	0.01	15.00
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.

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

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