



Master-Clip ISO-SILICON

Article Master No.: 000293

Medium and high temperature hose for temperatures up to +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: double-layered
- Specifications of the wall: flame retardant
- Design of the inner layer: heat-resistant impregnation
- Material of the inner layer: glass fabric
- Execution of the external layer: coating in silicone
- Material of the outer layer: glass fabric

Properties

- Chemical Properties: good UV resistance / good ozone resistance
- Mechanical Properties: compressible approx. 1:4
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: silver grey

Operating Temperature

- Temperature Range: -60 to 300 °C
- 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	Length (standard lengths available for order) m
000293:100:x	000293	100	60	0.70	0.30	0.09	15.00	3 / 6 / 10
000293:110:x	000293	110	66	0.80	0.26	0.08	15.00	3 / 6 / 10
000293:120:x	000293	120	72	0.80	0.22	0.07	15.00	3 / 6 / 10
000293:125:x	000293	125	75	0.90	0.21	0.06	15.00	3 / 6 / 10
000293:130:x	000293	130	78	0.90	0.20	0.06	15.00	3 / 6 / 10
000293:140:x	000293	140	84	0.90	0.18	0.05	15.00	3 / 6 / 10
000293:150:x	000293	150	90	1.00	0.16	0.04	15.00	3 / 6 / 10
000293:160:x	000293	160	96	1.00	0.14	0.04	15.00	3 / 6 / 10
000293:170:x	000293	170	102	1.00	0.13	0.03	15.00	3 / 6 / 10
000293:175:x	000293	175	105	1.10	0.12	0.03	15.00	3 / 6 / 10
000293:180:x	000293	180	108	1.10	0.12	0.03	15.00	3 / 6 / 10
000293:200:x	000293	200	120	1.30	0.10	0.02	15.00	3 / 6 / 10
000293:215:x	000293	215	151	1.40	0.09	0.02	15.00	3 / 6 / 10
000293:225:x	000293	225	158	1.60	0.08	0.02	15.00	3 / 6 / 10
000293:250:x	000293	250	175	1.80	0.07	0.02	15.00	3 / 6 / 10
000293:275:x	000293	275	193	2.10	0.06	0.01	15.00	3 / 6 / 10
000293:300:x	000293	300	210	2.30	0.05	0.01	15.00	3 / 6 / 10
000293:315:x	000293	315	221	2.30	0.05	0.01	15.00	3 / 6 / 10
000293:325:x	000293	325	228	2.40	0.05	0.01	15.00	3 / 6 / 10
000293:350:x	000293	350	245	2.80	0.04	0.01	15.00	3 / 6 / 10
000293:375:x	000293	375	263	3.20	0.04	0.01	15.00	3 / 6 / 10
000293:400:x	000293	400	280	3.40	0.03	0.01	15.00	3 / 6 / 10
000293:450:x	000293	450	360	4.00	0.03	0.01	15.00	3 / 6 / 10
000293:50:x	000293	50	30	0.50	0.85	0.38	15.00	3 / 6 / 10
000293:500:x	000293	500	400	4.50	0.02	0.01	15.00	3 / 6 / 10
000293:55:x	000293	55	33	0.50	0.78	0.31	15.00	3 / 6 / 10
000293:550:x	000293	550	440	5.10	0.02	0.01	10.00	3 / 6 / 10
000293:60:x	000293	60	36	0.60	0.68	0.26	15.00	3 / 6 / 10

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	Length (standard lengths available for order) m
000293:600:x	000293	600	480	5.60	0.02	0.01	10.00	3 / 6 / 10
000293:65:x	000293	65	39	0.60	0.59	0.22	15.00	3 / 6 / 10
000293:70:x	000293	70	42	0.60	0.53	0.19	15.00	3 / 6 / 10
000293:700:x	000293	700	560	6.60	0.01	0.01	10.00	3 / 6 / 10
000293:75:x	000293	75	45	0.70	0.47	0.17	15.00	3 / 6 / 10
000293:80:x	000293	80	48	0.70	0.43	0.15	15.00	3 / 6 / 10
000293:800:x	000293	800	640	7.60	0.01	0.01	10.00	3 / 6 / 10
000293:90:x	000293	90	54	0.70	0.36	0.12	15.00	3 / 6 / 10
000293:900:x	000293	900	720	8.60	0.01	0.01	10.00	3 / 6 / 10

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



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

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