

Master-Clip VITON®

Article Master No.: 000285

Medium and high temperature hose for temperatures up to +210°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: coated / coating in Viton®
- Material of the wall: polyester fabric

Properties

- Chemical Properties: very good resistance to chemicals / good UV resistance / good ozone resistance
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: outside red, inside black

Operating Temperature

- Temperature Range: -25 to 210 °C
- short-term maximum temperature: peaks to 240 °C

Delivery Information

- Delivery, type of production: order-related production

Application Areas

- Areas of application: Industry / Semiconductor Industry / Chemistry / Surface Technology / Plastics / Conveying, lifting & feeding technology / Metal & Toolmaking

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
000285:38:x	000285	38	23	0.40	0.94	0.47	25.00	3 / 6 / 10
000285:40:x	000285	40	24	0.40	0.93	0.46	25.00	3 / 6 / 10
000285:45:x	000285	45	27	0.40	0.92	0.43	25.00	3 / 6 / 10
000285:50:x	000285	50	30	0.40	0.90	0.39	25.00	3 / 6 / 10
000285:55:x	000285	55	33	0.40	0.85	0.32	25.00	3 / 6 / 10
000285:60:x	000285	60	36	0.50	0.78	0.27	25.00	3 / 6 / 10
000285:65:x	000285	65	39	0.50	0.68	0.23	25.00	3 / 6 / 10
000285:70:x	000285	70	42	0.50	0.67	0.20	25.00	3 / 6 / 10
000285:75:x	000285	75	45	0.60	0.62	0.18	25.00	3 / 6 / 10
000285:80:x	000285	80	48	0.60	0.61	0.15	25.00	3 / 6 / 10
000285:90:x	000285	90	54	0.60	0.56	0.12	25.00	3 / 6 / 10
000285:100:x	000285	100	60	0.60	0.51	0.10	25.00	3 / 6 / 10
000285:110:x	000285	110	66	0.70	0.48	0.08	25.00	3 / 6 / 10
000285:120:x	000285	120	72	0.70	0.36	0.07	25.00	3 / 6 / 10
000285:125:x	000285	125	75	0.80	0.33	0.06	25.00	3 / 6 / 10
000285:130:x	000285	130	78	0.80	0.28	0.06	25.00	3 / 6 / 10
000285:140:x	000285	140	84	0.80	0.25	0.05	25.00	3 / 6 / 10
000285:150:x	000285	150	90	0.90	0.22	0.04	25.00	3 / 6 / 10
000285:160:x	000285	160	96	0.90	0.21	0.04	25.00	3 / 6 / 10
000285:170:x	000285	170	102	0.90	0.19	0.03	25.00	3 / 6 / 10
000285:175:x	000285	175	105	1.00	0.19	0.03	25.00	3 / 6 / 10
000285:180:x	000285	180	108	1.00	0.17	0.03	25.00	3 / 6 / 10
000285:200:x	000285	200	120	1.20	0.15	0.03	25.00	3 / 6 / 10
000285:215:x	000285	215	151	1.30	0.13	0.02	25.00	3 / 6 / 10
000285:225:x	000285	225	158	1.40	0.12	0.02	25.00	3 / 6 / 10
000285:250:x	000285	250	175	1.60	0.10	0.02	25.00	3 / 6 / 10
000285:275:x	000285	275	193	1.90	0.08	0.01	25.00	3 / 6 / 10
000285:300:x	000285	300	210	2.10	0.07	0.01	25.00	3 / 6 / 10
000285:315:x	000285	315	221	2.10	0.06	0.01	25.00	3 / 6 / 10
000285:325:x	000285	325	228	2.20	0.06	0.01	25.00	3 / 6 / 10
000285:350:x	000285	350	245	2.50	0.06	0.01	25.00	3 / 6 / 10
000285:375:x	000285	375	263	2.90	0.05	0.01	25.00	3 / 6 / 10
000285:400:x	000285	400	280	3.10	0.05	0.01	25.00	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
000285:450:x	000285	450	360	3.60	0.05	0.01	25.00	3 / 6 / 10
000285:500:x	000285	500	400	4.10	0.04	0.01	25.00	3 / 6 / 10
000285:550:x	000285	550	440	4.60	0.04	0.01	25.00	3 / 6 / 10
000285:600:x	000285	600	480	5.10	0.04	0.01	20.00	3 / 6 / 10
000285:700:x	000285	700	560	6.00	0.03	0.01	20.00	3 / 6 / 10
000285:800:x	000285	800	640	6.90	0.02	0.01	20.00	3 / 6 / 10
000285:900:x	000285	900	720	7.80	0.02	0.01	20.00	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)).

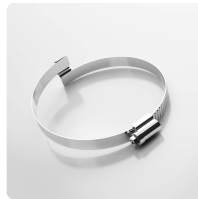
Suitable for the product



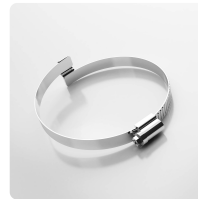
Hose connector
 Sheet steel connector for extending, connecting and joining light to medium-weight hoses



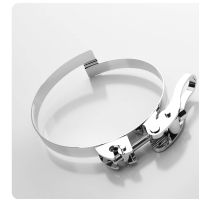
Hose Reducer, symmetrical
 Hose reducer for extending, connecting and joining light to medium weight hoses



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

Address Headquarters

Masterflex SE
 Willy-Brandt-Allee 300
 45981 Gelsenkirchen

