



Master-Clip VITON® EL

Article Master No.: 000286

Suction & Blower hose made from VITON-coated Polyester fabric, for corrosive media up to +210 °C, electroconductive



antistatic



electrically
conductive



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 electrically conductive material / coated / coating in Viton®
- Material of the wall: Polyester fabric
- Specifications of the wall: surface resistance $R_o < 10^4$ Ohm

Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU
- 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: 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: Ventilation & Air-conditioning / Chemistry / Surface Technology

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
000286:38:x	000286	38	23	0.40	0.94	0.47	25.00	3 / 6 / 10
000286:40:x	000286	40	24	0.40	0.93	0.46	25.00	3 / 6 / 10
000286:45:x	000286	45	27	0.40	0.92	0.43	25.00	3 / 6 / 10
000286:50:x	000286	50	30	0.40	0.90	0.39	25.00	3 / 6 / 10
000286:55:x	000286	55	33	0.40	0.85	0.32	25.00	3 / 6 / 10
000286:60:x	000286	60	36	0.50	0.78	0.27	25.00	3 / 6 / 10
000286:65:x	000286	65	39	0.50	0.68	0.23	25.00	3 / 6 / 10
000286:70:x	000286	70	42	0.50	0.67	0.20	25.00	3 / 6 / 10
000286:75:x	000286	75	45	0.60	0.62	0.18	25.00	3 / 6 / 10
000286:80:x	000286	80	48	0.60	0.61	0.15	25.00	3 / 6 / 10
000286:90:x	000286	90	54	0.60	0.56	0.12	25.00	3 / 6 / 10
000286:100:x	000286	100	60	0.60	0.51	0.10	25.00	3 / 6 / 10
000286:110:x	000286	110	66	0.70	0.48	0.08	25.00	3 / 6 / 10
000286:120:x	000286	120	72	0.70	0.36	0.07	25.00	3 / 6 / 10
000286:125:x	000286	125	75	0.80	0.33	0.06	25.00	3 / 6 / 10
000286:130:x	000286	130	78	0.80	0.28	0.06	25.00	3 / 6 / 10
000286:140:x	000286	140	84	0.80	0.25	0.05	25.00	3 / 6 / 10
000286:150:x	000286	150	90	0.90	0.22	0.04	25.00	3 / 6 / 10
000286:160:x	000286	160	96	0.90	0.21	0.04	25.00	3 / 6 / 10
000286:170:x	000286	170	102	0.90	0.19	0.03	25.00	3 / 6 / 10
000286:175:x	000286	175	105	1.00	0.19	0.03	25.00	3 / 6 / 10
000286:180:x	000286	180	108	1.00	0.17	0.03	25.00	3 / 6 / 10
000286:200:x	000286	200	120	1.20	0.15	0.03	25.00	3 / 6 / 10
000286:215:x	000286	215	151	1.30	0.13	0.02	25.00	3 / 6 / 10
000286:225:x	000286	225	158	1.40	0.12	0.02	25.00	3 / 6 / 10
000286:250:x	000286	250	175	1.60	0.10	0.02	25.00	3 / 6 / 10
000286:275:x	000286	275	193	1.90	0.08	0.01	25.00	3 / 6 / 10
000286:300:x	000286	300	210	2.10	0.07	0.01	25.00	3 / 6 / 10
000286:325:x	000286	325	228	2.50	0.06	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
000286:350:x	000286	350	245	2.50	0.06	0.01	25.00	3 / 6 / 10
000286:375:x	000286	375	263	2.90	0.05	0.01	25.00	3 / 6 / 10
000286:400:x	000286	400	280	3.10	0.05	0.01	25.00	3 / 6 / 10
000286:450:x	000286	450	360	3.60	0.05	0.01	25.00	3 / 6 / 10
000286:500:x	000286	500	400	4.10	0.04	0.01	25.00	3 / 6 / 10
000286:550:x	000286	550	440	4.60	0.04	0.01	25.00	3 / 6 / 10
000286:600:x	000286	600	480	5.10	0.04	0.01	20.00	3 / 6 / 10
000286:700:x	000286	700	560	6.00	0.03	0.01	20.00	3 / 6 / 10
000286:800:x	000286	800	640	6.90	0.02	0.01	20.00	3 / 6 / 10
000286:900:x	000286	900	720	7.80	0.02	0.01	20.00	3 / 6 / 10

Alle Daten beziehen sich auf eine Umgebungstemperatur von 20 Grad
 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

