

Master-Clip HT 500

Article Master No.: 000306

Medium- and high temperature hose for temperatures up to 500 °C



microbe resistant



compressible



hydrolysis resistant



temperature-resistant



very flexible



heavy



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: one side laminated
- Material of the wall: high temperature fabric

Properties

- Flexibility: very flexible
- Physical Properties: flame resistant / non-flammable
- Weight: heavy
- Pressure Resistance: moderately pressure resistant
- Colour: inside silver, outside red
- Other: good vacuum resistance / high gas tightness in the vacuum and low pressure range

Operating Temperature

- Temperature Range: -20 to 500 °C
- short-term maximum temperature: +550 °C

- proper use: for flue gas temperatures $>+250$ °C, suitable only for static negative pressure applications with a minimum of 50% fresh air supply at the maximum specified temperature

Delivery Information

- Delivery, type of production: order-related production

Application Areas

- Areas of application: Automotive / Ventilation & Air-conditioning

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
000306:75:x	000306	75	45	1.44	0.62	0.25	10.00	3 / 6 / 10
000306:80:x	000306	80	48	1.53	0.61	0.22	10.00	3 / 6 / 10
000306:90:x	000306	90	54	1.72	0.56	0.21	10.00	3 / 6 / 10
000306:100:x	000306	100	60	1.98	0.51	0.17	10.00	3 / 6 / 10
000306:110:x	000306	110	66	2.17	0.48	0.14	10.00	3 / 6 / 10
000306:120:x	000306	120	72	2.20	0.36	0.12	10.00	3 / 6 / 10
000306:125:x	000306	125	75	2.45	0.33	0.10	10.00	3 / 6 / 10
000306:130:x	000306	130	78	2.54	0.28	0.10	10.00	3 / 6 / 10
000306:140:x	000306	140	84	2.73	0.25	0.09	10.00	3 / 6 / 10
000306:150:x	000306	150	90	2.92	0.22	0.08	10.00	3 / 6 / 10
000306:160:x	000306	160	96	3.11	0.21	0.07	10.00	3 / 6 / 10
000306:170:x	000306	170	102	3.33	0.19	0.06	10.00	3 / 6 / 10
000306:175:x	000306	175	105	3.43	0.19	0.06	10.00	3 / 6 / 10
000306:180:x	000306	180	108	3.52	0.17	0.05	10.00	3 / 6 / 10
000306:200:x	000306	200	120	3.90	0.15	0.04	10.00	3 / 6 / 10
000306:215:x	000306	215	151	3.12	0.13	0.04	10.00	3 / 6 / 10
000306:225:x	000306	225	158	3.26	0.12	0.03	10.00	3 / 6 / 10
000306:250:x	000306	250	175	3.62	0.10	0.03	10.00	3 / 6 / 10
000306:275:x	000306	275	193	3.97	0.08	0.02	10.00	3 / 6 / 10
000306:300:x	000306	300	210	4.32	0.07	0.02	10.00	3 / 6 / 10
000306:315:x	000306	315	221	4.53	0.06	0.02	10.00	3 / 6 / 10
000306:325:x	000306	325	228	4.67	0.06	0.02	10.00	3 / 6 / 10
000306:350:x	000306	350	245	5.03	0.06	0.02	10.00	3 / 6 / 10
000306:375:x	000306	375	263	5.41	0.05	0.01	10.00	3 / 6 / 10
000306:400:x	000306	400	280	5.76	0.05	0.01	10.00	3 / 6 / 10
000306:450:x	000306	450	360	6.46	0.05	0.01	6.00	3 / 6 / 10
000306:500:x	000306	500	400	7.17	0.04	0.01	6.00	3 / 6 / 10
000306:550:x	000306	550	440	7.87	0.04	0.01	6.00	3 / 6 / 10
000306:600:x	000306	600	480	8.58	0.04	0.01	6.00	3 / 6 / 10
000306:700:x	000306	700	560	9.98	0.03	0.01	6.00	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
000306:800:x	000306	800	640	11.39	0.02	0.01	6.00	3 / 6 / 10
000306:900:x	000306	900	720	12.80	0.02	0.01	6.00	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



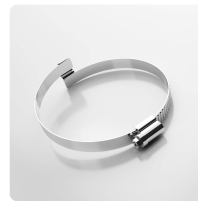
Hose connector
 Sheet steel connector for extending, connecting and joining light to medium-weight hoses



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

