

## Master-Clip HT 400

Article Master No.: 000299

Medium and high temperature hose for temperatures up to 400 °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 with heat stabilisers
- Material of the wall: high temperature fabric / reinforced by interwoven VA wire

#### Properties

- Chemical Properties: silicone-free
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant / pressure resistance depending on design, not recommended for overpressure applications
- Colour: silver grey
- Other: increased vacuum resistance due to woven-in reinforcing components

#### Operating Temperature

- Temperature Range: -20 to 400 °C
- short-term maximum temperature: 450 °C
- proper use: the specifications apply to flue gas temperatures when used correctly with a flue gas diverter and 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: Industry / Ventilation & Air-conditioning / Food & Pharma / 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
000299:38:x	000299	38	23	0.50	on request	0.40	20.00	3 / 6 / 10
000299:40:x	000299	40	24	0.50	on request	0.39	20.00	3 / 6 / 10
000299:45:x	000299	45	27	0.50	on request	0.37	20.00	3 / 6 / 10
000299:50:x	000299	50	30	0.50	on request	0.35	20.00	3 / 6 / 10
000299:55:x	000299	55	33	0.60	on request	0.29	20.00	3 / 6 / 10
000299:60:x	000299	60	36	0.60	on request	0.24	20.00	3 / 6 / 10
000299:65:x	000299	65	39	0.70	on request	0.21	20.00	3 / 6 / 10
000299:70:x	000299	70	42	0.70	on request	0.17	20.00	3 / 6 / 10
000299:75:x	000299	75	45	0.80	on request	0.15	20.00	3 / 6 / 10
000299:80:x	000299	80	48	0.80	on request	0.14	20.00	3 / 6 / 10
000299:90:x	000299	90	54	0.80	on request	0.11	20.00	3 / 6 / 10
000299:100:x	000299	100	60	0.80	on request	0.09	20.00	3 / 6 / 10
000299:110:x	000299	110	66	0.90	on request	0.07	20.00	3 / 6 / 10
000299:120:x	000299	120	72	0.90	on request	0.06	20.00	3 / 6 / 10
000299:125:x	000299	125	75	1.00	on request	0.05	20.00	3 / 6 / 10
000299:130:x	000299	130	78	1.00	on request	0.05	20.00	3 / 6 / 10
000299:140:x	000299	140	84	1.00	on request	0.05	20.00	3 / 6 / 10
000299:150:x	000299	150	90	1.10	on request	0.04	20.00	3 / 6 / 10
000299:160:x	000299	160	96	1.10	on request	0.03	20.00	3 / 6 / 10
000299:170:x	000299	170	102	1.10	on request	0.03	20.00	3 / 6 / 10
000299:175:x	000299	175	105	1.30	on request	0.03	20.00	3 / 6 / 10
000299:180:x	000299	180	108	1.30	on request	0.03	20.00	3 / 6 / 10
000299:200:x	000299	200	120	1.50	on request	0.02	20.00	3 / 6 / 10
000299:215:x	000299	215	151	1.60	on request	0.02	20.00	3 / 6 / 10
000299:225:x	000299	225	158	1.80	on request	0.02	20.00	3 / 6 / 10
000299:250:x	000299	250	175	2.00	on request	0.02	20.00	3 / 6 / 10
000299:275:x	000299	275	193	2.40	on request	0.01	20.00	3 / 6 / 10
000299:300:x	000299	300	210	2.60	on request	0.01	20.00	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
000299:325:x	000299	325	228	2.80	on request	0.01	20.00	3 / 6 / 10
000299:350:x	000299	350	245	3.10	on request	0.01	20.00	3 / 6 / 10
000299:375:x	000299	375	263	3.60	on request	0.01	20.00	3 / 6 / 10
000299:400:x	000299	400	280	3.90	on request	0.01	20.00	3 / 6 / 10
000299:450:x	000299	450	360	4.50	on request	0.01	20.00	3 / 6 / 10
000299:500:x	000299	500	400	5.10	on request	0.01	20.00	3 / 6 / 10
000299:550:x	000299	550	440	5.80	on request	0.01	20.00	3 / 6 / 10
000299:600:x	000299	600	480	6.40	on request	0.01	20.00	3 / 6 / 10
000299:700:x	000299	700	560	7.50	on request	0.01	20.00	3 / 6 / 10
000299:800:x	000299	800	640	8.60	on request	0.01	20.00	3 / 6 / 10
000299:900:x	000299	900	720	9.80	on request	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



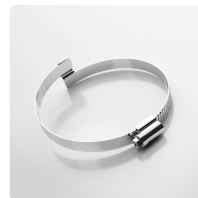
**Hose connector**  
Sheet steel connector for extending, connecting and joining light to medium-weight hoses



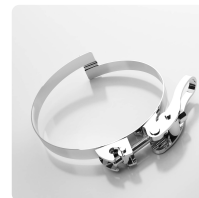
**Hose Reducer, symmetrical**  
Hose reducer for extending, connecting and joining light to medium weight hoses



**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](https://www.masterflex.de/en)

### Address Headquarters

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