

## Master-Clip CAR

Article Master No.: 000294

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: coated, Coating with heat stabilisers
- Material of the wall: High temperature fabric
- Specifications of the wall: flame retardant

#### Properties

- Chemical Properties: good resistance to chemicals, weather-resistant
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: silver-grey inside, green-grey outside

#### Operating Temperature

- Temperature Range: -60 - 300

- short-term maximum temperature: peaks to 300 °C exhaust gas temperature (peaks to 350 °C), for proper use exhaust gas funnels are required and a sufficient supply of fresh air (approx. 50% related to the maximum specified temperature)

### Delivery Information

- Delivery, type of production: Order-related production

### Application Areas

- Areas of application: Automotive, Industry, Aerospace technology, Ventilation & air-conditioning, Sea & rail transport, Food & Pharma, Printing & Paper, Vehicle construction, Metal & Toolmaking

### Customizing Options

- optional item modification (on request): other lengths, other nominal widths, other colours, other spiral distance, 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	Stock Lengths m
000294:38:x	000294	38	23	0.50	0.94	0.36	20.00	
000294:40:x	000294	40	24	0.50	0.93	0.35	20.00	
000294:45:x	000294	45	27	0.50	0.92	0.33	20.00	
000294:50:x	000294	50	30	0.50	0.90	0.31	20.00	
000294:55:x	000294	55	33	0.60	0.85	0.26	20.00	
000294:60:x	000294	60	36	0.60	0.78	0.22	20.00	
000294:65:x	000294	65	39	0.70	0.68	0.19	20.00	
000294:70:x	000294	70	42	0.70	0.67	0.16	20.00	
000294:75:x	000294	75	45	0.80	0.62	0.14	20.00	
000294:80:x	000294	80	48	0.80	0.61	0.12	20.00	
000294:90:x	000294	90	54	0.80	0.56	0.10	20.00	
000294:100:x	000294	100	60	0.90	0.51	0.08	20.00	
000294:110:x	000294	110	66	0.90	0.48	0.07	20.00	
000294:120:x	000294	120	72	1.00	0.36	0.06	20.00	/
000294:125:x	000294	125	75	1.00	0.33	0.05	20.00	
000294:130:x	000294	130	78	1.10	0.28	0.05	20.00	
000294:140:x	000294	140	84	1.10	0.25	0.04	20.00	
000294:150:x	000294	150	90	1.20	0.22	0.04	20.00	
000294:160:x	000294	160	96	1.20	0.21	0.03	20.00	
000294:170:x	000294	170	102	1.30	0.19	0.03	20.00	
000294:175:x	000294	175	105	1.40	0.19	0.03	20.00	
000294:180:x	000294	180	126	1.40	0.17	0.02	20.00	
000294:200:x	000294	200	140	1.60	0.15	0.02	20.00	
000294:215:x	000294	215	151	1.70	0.13	0.02	20.00	
000294:225:x	000294	225	158	1.80	0.12	0.02	20.00	
000294:250:x	000294	250	175	2.00	0.10	0.01	20.00	
000294:275:x	000294	275	193	2.10	0.08	0.01	20.00	
000294:300:x	000294	300	210	2.20	0.07	0.01	20.00	

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	Stock Lengths m
000294:315:x	000294	315	221	2.20	0.06	0.01	20.00	
000294:325:x	000294	325	228	2.30	0.06	0.01	20.00	
000294:350:x	000294	350	245	2.60	0.06	0.01	20.00	
000294:375:x	000294	375	300	2.90	0.05	0.01	20.00	
000294:400:x	000294	400	320	3.10	0.05	0.01	20.00	
000294:450:x	000294	450	360	3.60	0.05	0.01	20.00	
000294:500:x	000294	500	400	4.10	0.04	0.01	20.00	
000294:550:x	000294	550	440	4.60	0.04	0.01	20.00	
000294:600:x	000294	600	480	5.10	0.04	0.01	15.00	
000294:700:x	000294	700	560	6.00	0.03	0.01	15.00	
000294:800:x	000294	800	640	6.90	0.02	0.01	15.00	
000294:900:x	000294	900	720	7.80	0.02	0.01	15.00	

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.

## Possible Connection Elements



### 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



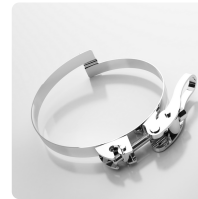
### Clip-Grip Hose Clamp, screwable

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](http://masterflex.de/en)

## Address Headquarters

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