

Master-Clip CAR

Article Master No.: 000294

Medium and high temperature hose for temperatures up to +300°C



hydrolysis
resistant



microbe
resistant



compressi
ble



very
flexible



light



moderate
ly 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, 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
000294:38:x	000294	38	23	0.50	0.94	0.36	20.00	3, 6, 10
000294:40:x	000294	40	24	0.50	0.93	0.35	20.00	3, 6, 10
000294:45:x	000294	45	27	0.50	0.92	0.33	20.00	3, 6, 10
000294:50:x	000294	50	30	0.50	0.90	0.31	20.00	3, 6, 10
000294:55:x	000294	55	33	0.60	0.85	0.26	20.00	3, 6, 10
000294:60:x	000294	60	36	0.60	0.78	0.22	20.00	3, 6, 10
000294:65:x	000294	65	39	0.70	0.68	0.19	20.00	3, 6, 10
000294:70:x	000294	70	42	0.70	0.67	0.16	20.00	3, 6, 10
000294:75:x	000294	75	45	0.80	0.62	0.14	20.00	3, 6, 10
000294:80:x	000294	80	48	0.80	0.61	0.12	20.00	3, 6, 10
000294:90:x	000294	90	54	0.80	0.56	0.10	20.00	3, 6, 10
000294:100:x	000294	100	60	0.90	0.51	0.08	20.00	3, 6, 10
000294:110:x	000294	110	66	0.90	0.48	0.07	20.00	3, 6, 10
000294:120:x	000294	120	72	1.00	0.36	0.06	20.00	3, 6, 10
000294:125:x	000294	125	75	1.00	0.33	0.05	20.00	3, 6, 10
000294:130:x	000294	130	78	1.10	0.28	0.05	20.00	3, 6, 10
000294:140:x	000294	140	84	1.10	0.25	0.04	20.00	3, 6, 10
000294:150:x	000294	150	90	1.20	0.22	0.04	20.00	3, 6, 10
000294:160:x	000294	160	96	1.20	0.21	0.03	20.00	3, 6, 10
000294:170:x	000294	170	102	1.30	0.19	0.03	20.00	3, 6, 10
000294:175:x	000294	175	105	1.40	0.19	0.03	20.00	3, 6, 10
000294:180:x	000294	180	126	1.40	0.17	0.02	20.00	3, 6, 10
000294:200:x	000294	200	140	1.60	0.15	0.02	20.00	3, 6, 10
000294:215:x	000294	215	151	1.70	0.13	0.02	20.00	3, 6, 10
000294:225:x	000294	225	158	1.80	0.12	0.02	20.00	3, 6, 10
000294:250:x	000294	250	175	2.00	0.10	0.01	20.00	3, 6, 10
000294:275:x	000294	275	193	2.10	0.08	0.01	20.00	3, 6, 10
000294:300:x	000294	300	210	2.20	0.07	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
000294:315:x	000294	315	221	2.20	0.06	0.01	20.00	3, 6, 10
000294:325:x	000294	325	228	2.30	0.06	0.01	20.00	3, 6, 10
000294:350:x	000294	350	245	2.60	0.06	0.01	20.00	3, 6, 10
000294:375:x	000294	375	300	2.90	0.05	0.01	20.00	3, 6, 10
000294:400:x	000294	400	320	3.10	0.05	0.01	20.00	3, 6, 10
000294:450:x	000294	450	360	3.60	0.05	0.01	20.00	3, 6, 10
000294:500:x	000294	500	400	4.10	0.04	0.01	20.00	3, 6, 10
000294:550:x	000294	550	440	4.60	0.04	0.01	20.00	3, 6, 10
000294:600:x	000294	600	480	5.10	0.04	0.01	15.00	3, 6, 10
000294:700:x	000294	700	560	6.00	0.03	0.01	15.00	3, 6, 10
000294:800:x	000294	800	640	6.90	0.02	0.01	15.00	3, 6, 10
000294:900:x	000294	900	720	7.80	0.02	0.01	15.00	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

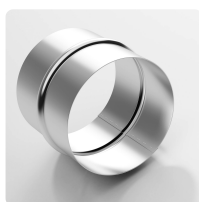
Delivery Variants

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)).

Possible Connection Elements



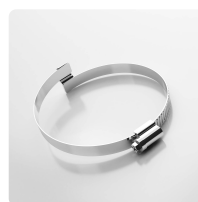
Hose connector
 Sheet steel connector for extending, connecting and joining light to medium-weight hoses



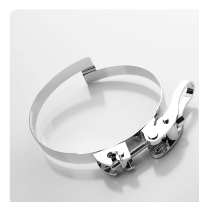
Hose Reducer, symmetrical
 Hose reducer for extending, connecting and joining light to medium weight hoses



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
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