

MASTER-CLIP ISO-CAR

Ref 000297

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



Hydrolysis resistant

Microbe resistant

Compressible

Very flexible

Medium heavy

-60 to +300 °C

CONSTRUCTION & MATERIALS

- 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: double-layered
- Design of the inner layer: heat-resistant impregnation
- Material of the inner layer: glass fabric
- Execution of the external layer: coating with heat stabilisers
- Material of the outer layer: high temperature fabric

PROPERTIES

- Chemical Properties: good resistance to chemicals / weather-resistant
- Mechanical Properties: compressible approx. 1:4
- Flexibility: very flexible
- Weight: medium heavy
- Pressure Resistance: moderately pressure resistant
- Colour: silver-grey inside, green-grey outside
- Other: good vacuum resistance

TEMPERATURE

- Temperature Range: -60 to 300 °C
- short-term maximum temperature: +350 °C
- proper use: for exhaust gas temperatures >+250 °C, suitable only for negative pressure applications with a minimum of 25% fresh air supply at the maximum specified temperature

APPLICATIONS & INDUSTRIES

aviation technology / Ventilation & Air-conditioning / Sea & Rail transport / Vehicle Construction

VARIANT SPECIFICATIONS

39 sizes · DN 38 to 900 mm

Article no.	DN (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000297:38:x	38	23	0.55	0.94	0.44
000297:40:x	40	24	0.55	0.93	0.43
000297:45:x	45	27	0.60	0.92	0.41
000297:50:x	50	30	0.60	0.90	0.38
000297:55:x	55	33	0.70	0.85	0.33
000297:60:x	60	36	0.70	0.78	0.29
000297:65:x	65	39	0.80	0.67	0.26
000297:70:x	70	42	0.90	0.67	0.22
000297:75:x	75	45	1.00	0.62	0.21
000297:80:x	80	48	1.00	0.61	0.19
000297:90:x	90	54	1.20	0.56	0.16
000297:100:x	100	60	1.30	0.51	0.13
000297:110:x	110	66	1.30	0.48	0.11
000297:120:x	120	72	1.40	0.36	0.09
000297:125:x	125	75	1.40	0.33	0.08
000297:130:x	130	78	1.60	0.28	0.08
000297:140:x	140	84	1.60	0.25	0.07
000297:150:x	150	90	1.80	0.22	0.06
000297:160:x	160	96	1.80	0.21	0.05
000297:170:x	170	102	2.00	0.19	0.05
000297:175:x	175	105	2.10	0.19	0.04
000297:180:x	180	126	2.10	0.17	0.04
000297:200:x	200	140	2.40	0.15	0.03
000297:215:x	215	151	1.90	0.13	0.03
000297:225:x	225	158	2.00	0.12	0.03
000297:250:x	250	175	2.20	0.10	0.02
000297:275:x	275	193	2.30	0.08	0.02
000297:300:x	300	210	2.40	0.07	0.02
000297:325:x	325	228	2.50	0.06	0.01
000297:350:x	350	245	2.90	0.06	0.01
000297:375:x	375	300	3.20	0.05	0.01
000297:400:x	400	320	3.40	0.05	0.01
000297:450:x	450	360	4.00	0.05	0.01
000297:500:x	500	400	4.50	0.04	0.01
000297:550:x	550	440	5.10	0.04	0.01
000297:600:x	600	480	5.60	0.04	0.01
000297:700:x	700	560	6.60	0.03	0.01
000297:800:x	800	640	7.60	0.02	0.01
000297:900:x	900	720	8.60	0.02	0.01

Lengths. Supplied in standard stock lengths — see flex-appeal.co.uk for available sizes.