

Master-Clip ISO-CAR

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

Material

- 1 clamp profile spiral: hot-dip galvanised steel band with additional plastic outer scuff-protection profile
- 2 wall: double-layered, inner layer with heat resistant impregnated glass fabric, outer layer special-coated, textile high-temperature fabric

Applications

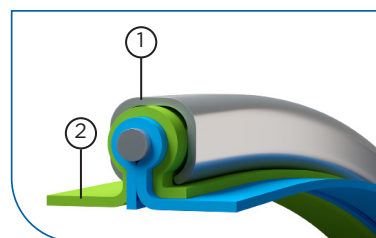
- suction of engine exhaust fumes up to max.+300 °C acc. to exhaust guidelines and sufficient fresh air intake (approx. 50%)
- diesel engine test-benches with higher extraction performance
- machine manufacturing
- automotive manufacturing
- low pressure range
- extractor units
- hot air
- smoke extractors
- defence systems
- aircraft manufacturing

Properties

- very good temperature resistance
- outer chafing protection spiral
- primarily suitable as exhaust hose
- good vacuum resistance
- extremely compressible to approx. 1:4
- withstands high mechanical loads
- vibration-proof
- smallest bending radius
- highly flexible
- abrasion-resistant
- high tension-proof connection of wall-lining and spiral via special clamp mechanism

Temperature Range

- from -60°C to +300 °C (Exhaust temperatures) with appropriate use if exhaust regulators and sufficient air supply (approx. 50%)
- peaks to +350°C*



DN	op. pressure	vacuum	bend radius	weight/m	old article no.	new article no.	standard length	max. production length
	bar	bar	mm	kg			m	m
50	0.9	0.38	30	0.6	226-050-x	000297-050-x	10	10
55	0.85	0.33	33	0.7	226-055-x	000297-055-x	10	10
60	0.78	0.29	36	0.7	226-060-x	000297-060-x	10	10
65	0.67	0.26	39	0.8	226-065-x	000297-065-x	10	10
70	0.67	0.22	42	0.9	226-070-x	000297-070-x	10	10
75	0.62	0.21	45	1	226-075-x	000297-075-x	10	10
80	0.61	0.19	48	1	226-080-x	000297-080-x	10	10
90	0.56	0.16	54	1.2	226-090-x	000297-090-x	10	10
100	0.51	0.13	60	1.3	226-100-x	000297-100-x	10	10
110	0.48	0.11	66	1.3	226-110-x	000297-110-x	10	10
120	0.36	0.09	72	1.4	226-120-x	000297-120-x	10	10
125	0.33	0.08	75	1.4	226-125-x	000297-125-x	10	10
130	0.28	0.08	78	1.6	226-130-x	000297-130-x	10	10
140	0.25	0.07	84	1.6	226-140-x	000297-140-x	10	10
150	0.22	0.06	90	1.8	226-150-x	000297-150-x	10	10
160	0.21	0.05	96	1.8	226-160-x	000297-160-x	10	10
170	0.19	0.05	102	2	226-170-x	000297-170-x	10	10
175	0.185	0.04	105	2.1	226-175-x	000297-175-x	10	10
180	0.172	0.04	126	2.1	226-180-x	000297-180-x	10	10
200	0.148	0.03	140	2.4	226-200-x	000297-200-x	10	10
215	0.128	0.03	151	1.9	226-215-x	000297-215-x	10	10
225	0.115	0.03	158	2	226-225-x	000297-225-x	10	10
250	0.1	0.02	175	2.2	226-250-x	000297-250-x	10	10
275	0.08	0.02	193	2.3	226-275-x	000297-275-x	10	10
300	0.07	0.02	210	2.4	226-300-x	000297-300-x	10	10
325	0.059	0.01	228	2.5	226-325-x	000297-325-x	10	10
350	0.056	0.01	245	2.9	226-350-x	000297-350-x	10	10
375	0.05	0.01	300	3.2	226-375-x	000297-375-x	10	10
400	0.047	0.01	320	3.4	226-400-x	000297-400-x	10	10
450	0.045	0.01	360	4	226-450-x	000297-450-x	10	10
500	0.043	0.01	400	4.5	226-500-x	000297-500-x	10	10
550	0.042	0.01	440	5.1	226-550-x	000297-550-x	10	10
600	0.039	0.01	480	5.6	226-600-x	000297-600-x	10	10
700	0.031	0.01	560	6.6	226-700-x	000297-700-x	6	6
800	0.022	0.01	640	7.6	226-800-x	000297-800-x	6	6
900	0.016	0.01	720	8.6	226-900-x	000297-900-x	6	6
900	0.016	0.01	720	7.8	225-900-x	000294-900-x	6	6

All data refers to a medium and ambient temperature of +20 °C.

* Available on request

Subject to technical changes and colour deviations.



Hose Reducer, symmetrical



Clip-Grip Hose clamp, screwable



Hose Connector



Clip-Grip quick action clamp