

Master-Clip ISO-CAR

Medium & High
Temperature Hose for
temperatures up to +300
°C, double-layered



Material

clip profile spiral: hot-dip galvanised steel band
wall: double-layered, inner layer with heat resistant
impregnated glass fabric, outer layer special-coated,
textile high-temperature fabric

Applications

- Machine manufacturing
- Vehicle manufacturing
- Low pressure range
- Extractor units
- Hot air
- Smoke extractors
- Defence systems
- Aircraft manufacturing
- Diesel engine test-benches with higher
extraction performance

Properties

- smallest bending radii
- withstands high mechanical loads
- abrasion-resistant
- highly flexible
- vibration-proof
- outer chafing protection spiral
- high tension-proof connection of wall-lining and
spiral via special clamp mechanism
- extremely compressable to approx. 1:4
- adheres to TRBS 2153 (Zone 1, 21) for non-flammable
dusts and gases with low conductivity for dissipation
of electrostatic charges with double-ended ground-
ing of Clips and gradient of < 30 mm (see chapter
17.10.5)
- very good temperature resistance
- primarily suitable as exhaust hose
- good vacuum resistance

Temperature Range

- -60°C to +300°C
- peaks to +350°C*

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no.		
38	0,94	4480	23	0,55	226-038-120		
40	0,93	4380	24	0,55	226-040-120		
45	0,92	4140	27	0,6	226-045-120		
50	0,9	3895	30	0,6	226-050-120		
55	0,85	3340	33	0,7	226-055-120		
60	0,78	2925	36	0,7	226-060-120		
65	0,67	2635	39	0,8	226-065-120		
70	0,67	2280	42	0,9	226-070-120		
75	0,62	2115	45	1	226-075-120		
80	0,61	1890	48	1	226-080-120		
90	0,56	1645	54	1,2	226-090-120		
100	0,51	1320	60	1,3	226-100-120		
110	0,48	1095	66	1,3	226-110-120		
120	0,36	930	72	1,4	226-120-120		
125	0,33	825	75	1,4	226-125-120		
130	0,28	780	78	1,6	226-130-120		
140	0,25	690	84	1,6	226-140-120		
150	0,22	600	90	1,8	226-150-120		
160	0,21	552	96	1,8	226-160-120		
170	0,19	465	102	2	226-170-120		
175	0,185	440	105	2,1	226-175-120		
180	0,172	410	126	2,1	226-180-120		
200	0,148	330	140	2,4	226-200-120		
215	0,128	295	151	1,9	226-215-120		
225	0,115	275	158	2	226-225-120		
250	0,1	225	175	2,2	226-250-120		
275	0,08	180	193	2,3	226-275-120		
300	0,07	150	210	2,4	226-300-120		
315	0,062	140	221	2,4	226-315-120		
325	0,059	130	228	2,5	226-325-120		
350	0,056	115	245	2,9	226-350-120		
375	0,05	100	300	3,2	226-375-120		
400	0,047	85	320	3,4	226-400-120		
450	0,045	70	360	4	226-450-120		
500	0,043	55	400	4,5	226-500-120		
550	0,042	50	440	5,1	226-550-120		
600	0,039	40	480	5,6	226-600-120		
700	0,031	30	560	6,6	226-700-120		
800	0,022	25	640	7,6	226-800-120		
900	0,016	20	720	8,6	226-900-120		

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

* refers to the inside of the hose

Order-specific production in above listed sizes and lengths of 3m or 6m, available within 48 hrs on request.

Available on request in other lengths, sizes, colours, spiral intervals, with stainless steel spirals.

Subject to technical changes and colour deviations.