

Master-Clip HYPALON

Medium & High
Temperature Hose for tem-
peratures up to +175 °C



Material

clip profile spiral: hot-dip galvanised steel band
wall: HYPALON®-coated polyester fabric

Applications

- Vehicle manufacturing
- Low pressure range
- Air-conditioning and ventilation systems
- Extractor units
- Engine manufacturing
- Exhaust gas extraction
- Suction of aggressive media
- Transport of hot and cold air
- Granulate drying
- Standard industrial hose

Properties

- smallest bending radii
- hardly inflammable
- highly flexible
- vibration-proof
- outer chafing protection spiral
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- very good chemical resistance
- adheres to TRBS 2153 (Zone 1, 21) for non-flammable dusts and gases with low conductivity for dissipation of electrostatic charges with double-ended grounding of clips and gradient of < 30 mm (see chapter 17.10.5)
- increased temperature resistance
- excellent UV / ozone resistance

Temperature Range

- -40°C to +175°C
- peaks to +190°C

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no.		
38	0,94	4800	23	0,4	221-038-107		
40	0,93	4700	24	0,4	221-040-107		
45	0,92	4400	27	0,4	221-045-107		
50	0,9	4000	30	0,4	221-050-107		
55	0,85	3300	33	0,4	221-055-107		
60	0,78	2780	36	0,5	221-060-107		
65	0,68	2370	39	0,5	221-065-107		
70	0,67	2040	42	0,5	221-070-107		
75	0,62	1780	45	0,6	221-075-107		
80	0,61	1560	48	0,6	221-080-107		
90	0,56	1230	54	0,6	221-090-107		
100	0,51	1000	60	0,6	221-100-107		
110	0,48	830	66	0,7	221-110-107		
120	0,36	700	72	0,7	221-120-107		
125	0,33	640	75	0,8	221-125-107		
130	0,28	590	78	0,8	221-130-107		
140	0,25	510	84	0,8	221-140-107		
150	0,22	440	90	0,9	221-150-107		
160	0,21	390	96	0,9	221-160-107		
170	0,19	350	102	0,9	221-170-107		
175	0,185	330	105	1	221-175-107		
180	0,172	310	108	1	221-180-107		
200	0,148	250	120	1,2	221-200-107		
215	0,128	220	151	1,3	221-215-107		
225	0,115	200	158	1,4	221-225-107		
250	0,1	160	175	1,6	221-250-107		
275	0,08	130	193	1,9	221-275-107		
300	0,07	110	210	2,1	221-300-107		
315	0,062	100	221	2,1	221-315-107		
325	0,059	95	228	2,2	221-325-107		
350	0,056	80	245	2,5	221-350-107		
375	0,05	70	263	2,9	221-375-107		
400	0,047	63	280	3,1	221-400-107		
450	0,045	50	360	3,6	221-450-107		
500	0,043	40	400	4,1	221-500-107		
550	0,042	33	440	4,6	221-550-107		
600	0,039	28	480	5,1	221-600-107		
700	0,031	20	560	6	221-700-107		
800	0,022	16	640	6,9	221-800-107		
900	0,016	12	720	7,8	221-900-107		

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.