

# Master-Clip HYPALON

Medium and high temperature hose up to +175°C

## Material

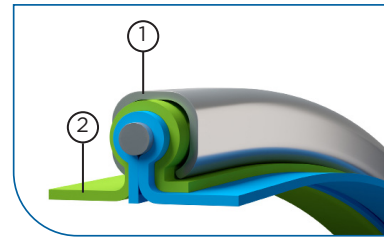
- 1 clip profile spiral: hot-dip galvanised steel band
- 2 wall: HYPALON®-coated polyester fabric

## Applications

- air-conditioning and ventilation systems
- engine manufacturing
- exhaust gas extraction
- suction of aggressive media
- transport of hot and cold air
- granulate drying
- standard industrial hose
- automotive manufacturing
- low pressure range
- extractor units

## Properties

- hardly inflammable
- increased temperature resistance
- extremely compressible to approx. 1:6
- outer chafing protection spiral
- vibration-proof
- excellent UV / ozone resistance
- smallest bending radius
- highly flexible
- very good chemical resistance
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- extremely lightweight



## Temperature Range

- -40°C to +175°C
- peaks to +190°C

DN	op. pressure bar	vacuum bar	bend radius mm	weight/m kg	old article no.	new article no.	standard length m	max. production length m
50	0.9	0.39	30	0.4	221-050-x	000273-50-x	10	10
55	0.85	0.32	33	0.4	221-055-x	000273-55-x	10	10
60	0.78	0.27	36	0.5	221-060-x	000273-60-x	10	10
65	0.68	0.23	39	0.5	221-065-x	000273-65-x	10	10
70	0.67	0.2	42	0.5	221-070-x	000273-70-x	10	10
75	0.62	0.18	45	0.6	221-075-x	000273-75-x	10	15
80	0.61	0.15	48	0.6	221-080-x	000273-80-x	10	15
90	0.56	0.12	54	0.6	221-090-x	000273-90-x	10	15
100	0.51	0.1	60	0.6	221-100-x	000273-100-x	10	15
110	0.48	0.08	66	0.7	221-110-x	000273-110-x	10	15
120	0.36	0.07	72	0.7	221-120-x	000273-120-x	10	15
125	0.33	0.06	75	0.8	221-125-x	000273-125-x	10	15
130	0.28	0.06	78	0.8	221-130-x	000273-130-x	10	15
140	0.25	0.05	84	0.8	221-140-x	000273-140-x	10	15
150	0.22	0.04	90	0.9	221-150-x	000273-150-x	10	15
160	0.21	0.04	96	0.9	221-160-x	000273-160-x	10	15
170	0.19	0.03	102	0.9	221-170-x	000273-170-x	10	15
175	0.185	0.03	105	1	221-175-x	000273-175-x	10	15
180	0.172	0.03	108	1	221-180-x	000273-180-x	10	15
200	0.148	0.03	120	1.2	221-200-x	000273-200-x	10	15
215	0.128	0.02	151	1.3	221-215-x	000273-215-x	10	15
225	0.115	0.02	158	1.4	221-225-x	000273-225-x	10	15
250	0.1	0.02	175	1.6	221-250-x	000273-250-x	10	15
275	0.08	0.01	193	1.9	221-275-x	000273-275-x	10	15
300	0.07	0.01	210	2.1	221-300-x	000273-300-x	10	15
315	0.062	0.01	221	2.1	221-315-x	000273-315-x	10	10
325	0.059	0.01	228	2.2	221-325-x	000273-325-x	10	10
350	0.056	0.01	245	2.5	221-350-x	000273-350-x	10	10
375	0.05	0.01	263	2.9	221-375-x	000273-375-x	10	10
400	0.047	0.01	280	3.1	221-400-x	000273-400-x	10	10
450	0.045	0.01	360	3.6	221-450-x	000273-450-x	10	10
500	0.043	0.01	400	4.1	221-500-x	000273-500-x	10	10
550	0.042	0.01	440	4.6	221-550-x	000273-550-x	10	10
600	0.039	0.01	480	5.1	221-600-x	000273-600-x	10	10
700	0.031	0.01	560	6	221-700-x	000273-700-x	6	6
800	0.022	0.01	640	6.9	221-800-x	000273-800-x	6	6
900	0.016	0.01	720	7.8	221-900-x	000273-900-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 quick action clamp



Clip-Grip Hose clamp, screwable



Hose Connector