

Master-Clip PTFE H EL

Suction & Blower hose for corrosive media up to +175°C, electroconductive

Material

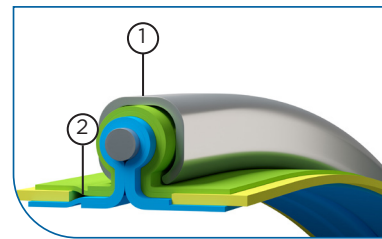
- 1 clip profile spiral: hot-dip galvanised steel band
- 2 wall: inner PTFE foil, electroconductive, outer layer: HYPALON®-coated polyester fabric

Applications

- danger zones, which require electrically conductive hoses
- suction and conveyance of aggressive media, explosive gases and fumes
- paint, wood and paper industry
- solvent extraction
- pharmaceutical industry
- low pressure range
- chemicals industry

Properties

- excellent chemical resistance
- outer chafing protection spiral
- PTFE-foil: surface resistance $R_o < 10^6$ Ohm
- approved acc. to TRGS 727 and ATEX 2014/34 EU. Details acc. to certificate
- vibration-proof
- cold and heat resistant
- super lightweight
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- highly flexible
- smallest bending radius
- extremely compressable to approx. 1:4
- UV/ozone-proof
- weather-proof
- anti-adhesive internal wall lining material
- optimum medium flow characteristics



Temperature Range

- -40°C to +175°C
- peaks to +190°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	0.43	30	0.5	261-050-x	000369-050-x	10	10
55	0.85	0.36	33	0.5	261-055-x	000369-055-x	10	10
60	0.78	0.3	36	0.6	261-060-x	000369-060-x	10	10
65	0.68	0.26	39	0.7	261-065-x	000369-065-x	10	10
70	0.67	0.22	42	0.7	261-070-x	000369-070-x	10	10
75	0.62	0.19	45	0.8	261-075-x	000369-075-x	10	15
80	0.61	0.17	48	0.8	261-080-x	000369-080-x	10	15
90	0.56	0.13	54	0.9	261-090-x	000369-090-x	10	15
100	0.51	0.11	60	1	261-100-x	000369-100-x	10	15
110	0.48	0.09	66	1.1	261-110-x	000369-110-x	10	15
120	0.36	0.08	72	1.1	261-120-x	000369-120-x	10	15
125	0.33	0.07	75	1.2	261-125-x	000369-125-x	10	15
130	0.28	0.06	78	1.2	261-130-x	000369-130-x	10	15
140	0.25	0.06	84	1.3	261-140-x	000369-140-x	10	15
150	0.22	0.05	90	1.3	261-150-x	000369-150-x	10	15
160	0.21	0.04	96	1.3	261-160-x	000369-160-x	10	15
170	0.19	0.04	102	1.4	261-170-x	000369-170-x	10	15
175	0.185	0.04	105	1.4	261-175-x	000369-175-x	10	15
180	0.172	0.03	108	1.4	261-180-x	000369-180-x	10	15
200	0.148	0.03	120	1.6	261-200-x	000369-200-x	10	15
215	0.128	0.03	151	1.8	261-215-x	000369-215-x	10	15
225	0.115	0.02	158	2	261-225-x	000369-225-x	10	15
250	0.1	0.02	175	2.1	261-250-x	000369-250-x	10	15
275	0.08	0.02	193	2.3	261-275-x	000369-275-x	10	15
300	0.07	0.01	210	2.4	261-300-x	000369-300-x	10	15
325	0.059	0.01	228	2.8	261-325-x	000369-325-x	10	10
350	0.056	0.01	245	3.3	261-350-x	000369-350-x	10	10
375	0.05	0.01	263	3.5	261-375-x	000369-375-x	10	10
400	0.047	0.01	280	3.8	261-400-x	000369-400-x	10	10
450	0.045	0.01	360	4.2	261-450-x	000369-450-x	10	10
500	0.043	0.01	400	4.7	261-500-x	000369-500-x	10	10
550	0.042	0.01	440	5.3	261-550-x	000369-550-x	10	10
600	0.039	0.01	480	5.9	261-600-x	000369-600-x	10	10
700	0.031	0.01	560	6.9	261-700-x	000369-700-x	6	6
800	0.022	0.01	640	7.6	261-800-x	000369-800-x	6	6
900	0.016	0	720	8.2	261-900-x	000369-900-x	6	6
900	0.016	0.01	720	17.1	260-900-x	000367-900-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