

## Master-Clip PTFE H-EL

Suction & Blower Hose  
for corrosive media up to  
+175°C, electroconductive  
< 10<sup>6</sup> Ohm



### Material

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

### Applications

- Danger zones, which require electrically conductive hoses
- Pharmaceutical industry
- Chemicals
- Low pressure range
- Suction and conveyance of aggressive media, explosive gases and fumes
- Paint, wood and paper industry
- Solvent extraction

### Properties

- smallest bending radii
- highly flexible
- UV/ozone-proof
- vibration-proof
- excellent chemical resistance
- cold and heat-resistant
- weather-proof
- optimum medium flow characteristics
- outer chafing protection spiral
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- adheres to TRBS 2153 (Zone 0/20) for flammable dusts and gases with low conductivity for dissipation of electrostatic charges with double-ended grounding
- PTFE-Folie: surface resistance  $R_o < 10^6$  Ohm
- extremely compressible to approx. 1:4
- robust outer wall material
- anti-adhesive internal wall lining material

### Temperature Range

- -40°C to +175°C
- peaks to +190°C

## Master-Clip PTFE H-EL

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no.		
38	0,94	5280	23	0,5	261-038-207		
40	0,93	5170	24	0,5	261-040-207		
45	0,92	4840	27	0,5	261-045-207		
50	0,9	4400	30	0,5	261-050-207		
55	0,85	3630	33	0,5	261-055-207		
60	0,78	3060	36	0,6	261-060-207		
65	0,68	2610	39	0,7	261-065-207		
70	0,67	2250	42	0,7	261-070-207		
75	0,62	1960	45	0,8	261-075-207		
80	0,61	1720	48	0,8	261-080-207		
90	0,56	1360	54	0,9	261-090-207		
100	0,51	1100	60	1	261-100-207		
110	0,48	920	66	1,1	261-110-207		
120	0,36	770	72	1,1	261-120-207		
125	0,33	710	75	1,2	261-125-207		
130	0,28	650	78	1,2	261-130-207		
140	0,25	570	84	1,3	261-140-207		
150	0,22	490	90	1,3	261-150-207		
160	0,21	430	96	1,3	261-160-207		
170	0,19	390	102	1,4	261-170-207		
175	0,185	370	105	1,4	261-175-207		
180	0,172	350	108	1,4	261-180-207		
200	0,148	280	120	1,6	261-200-207		
215	0,128	250	151	1,8	261-215-207		
225	0,115	220	158	2	261-225-207		
250	0,1	180	175	2,1	261-250-207		
275	0,08	150	193	2,3	261-275-207		
300	0,07	130	210	2,4	261-300-207		
315	0,062	110	221	2,6	261-315-207		
325	0,059	105	228	2,8	261-325-207		
350	0,056	90	245	3,3	261-350-207		
375	0,05	80	263	3,5	261-375-207		
400	0,047	70	280	3,8	261-400-207		
450	0,045	55	360	4,2	261-450-207		
500	0,043	45	400	4,7	261-500-207		
550	0,042	40	440	5,3	261-550-207		
600	0,039	33	480	5,9	261-600-207		
700	0,031	22	560	6,9	261-700-207		
800	0,022	18	640	7,6	261-800-207		
900	0,016	14	720	8,2	261-900-207		

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.