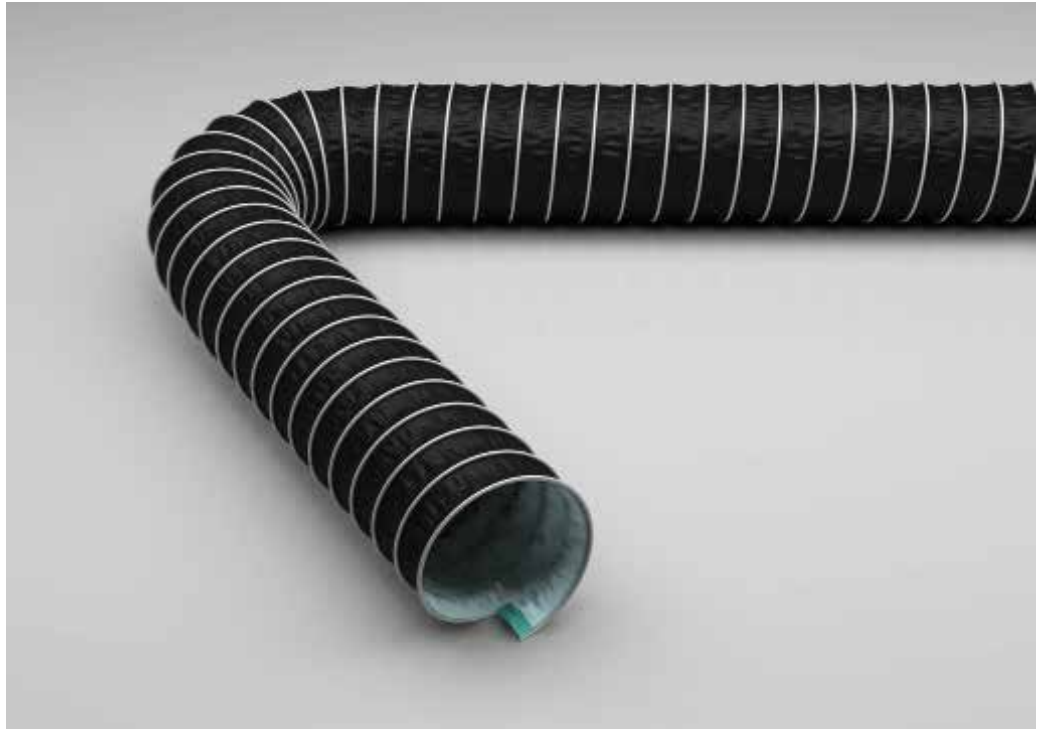


## Master-Clip PTFE H

Suction & Blower Hose for  
corrosive  
media up to +175 °C



### Material

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

### Applications

- Pharmaceutical industry
- Chemicals
- Low pressure range
- Suction and conveyance of aggressive media, explosive gases and fumes
- Paint mist extraction
- 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
- PTFE: no health risk
- extremely compressable 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

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	251-038-107		
40	0,93	5170	24	0,5	251-040-107		
45	0,92	4840	27	0,5	251-045-107		
50	0,9	4400	30	0,5	251-050-107		
55	0,85	3630	33	0,5	251-055-107		
60	0,78	3060	36	0,6	251-060-107		
65	0,68	2610	39	0,7	251-065-107		
70	0,67	2250	42	0,7	251-070-107		
75	0,62	1960	45	0,8	251-075-107		
80	0,61	1720	48	0,8	251-080-107		
90	0,56	1360	54	0,9	251-090-107		
100	0,51	1100	60	1	251-100-107		
110	0,48	920	66	1,1	251-110-107		
120	0,36	770	72	1,1	251-120-107		
125	0,33	710	75	1,2	251-125-107		
130	0,28	650	78	1,2	251-130-107		
140	0,25	570	84	1,3	251-140-107		
150	0,22	490	90	1,3	251-150-107		
160	0,21	430	96	1,3	251-160-107		
170	0,19	390	102	1,4	251-170-107		
175	0,185	370	105	1,4	251-175-107		
180	0,172	350	108	1,4	251-180-107		
200	0,148	280	120	1,6	251-200-107		
215	0,128	250	151	1,8	251-215-107		
225	0,115	220	158	2	251-225-107		
250	0,1	180	175	2,1	251-250-107		
275	0,08	150	193	2,3	251-275-107		
300	0,07	130	210	2,4	251-300-107		
315	0,062	110	221	2,6	251-315-107		
325	0,059	105	228	2,8	251-325-107		
350	0,056	90	245	3,3	251-350-107		
375	0,05	80	263	3,5	251-375-107		
400	0,047	70	280	3,8	251-400-107		
450	0,045	55	360	4,2	251-450-107		
500	0,043	45	400	4,7	251-500-107		
550	0,042	40	440	5,3	251-550-107		
600	0,039	33	480	5,9	251-600-107		
700	0,031	22	560	6,9	251-700-107		
800	0,022	18	640	7,6	251-800-107		
900	0,016	14	720	8,2	251-900-107		

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.