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Master-Clip PE

Suction & Blower Hose made from PE-coated PE fabric, environmentally friendly



Material

- clip profile spiral: hot-dip galvanised steel band
- wall: double-sided PE-coated PE fabric

Applications

- Air-conditioning and ventilation systems
- Air supply and extraction
- Vacuum devices for asbestos removal
- Low pressure range
- Extractor units

Properties

- outer chafing protection spiral
- extremely compressible to approx. 1:6
- high temperature resistance as PVC hose
- smallest bending radii
- highly flexible
- increased vacuum resistance
- halogen and plasticizer-free
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- more environmentally friendly alternative to PVC hoses
- acc. to TRGS 727 and ATEX 94/9/EC standards, the clip spiral is earthed at both ends for the aspirative and pneumatic Transport of non-flammable dusts

- and bulk solids in Zone 22. For the transport of gases and liquids with a low electroconductivity in Zone 2.
- extremely lightweight

Temperature Range

- -40°C to +85°C
- peaks to +95°C

Product Variations

DN	op. pressure	vacuum	bend radius	weight/m	article no.	production length
	bar	bar	mm	kg		m
40	0,93	0,46	24	0,4	213-040-103	3 - 10
45	0,92	0,43	27	0,4	213-045-103	3 - 10
50	0,9	0,39	30	0,4	213-050-103	3 - 10
55	0,85	0,32	33	0,4	213-055-103	3 - 10
60	0,78	0,27	36	0,5	213-060-103	3 - 10
65	0,68	0,23	39	0,5	213-065-103	3 - 10
70	0,67	0,2	42	0,5	213-070-103	3 - 10
75	0,62	0,18	45	0,5	213-075-103	3 - 10
80	0,61	0,15	48	0,6	213-080-103	3 - 10
90	0,56	0,12	54	0,6	213-090-103	3 - 10
100	0,51	0,1	60	0,6	213-100-103	3 - 10
110	0,48	0,08	66	0,6	213-110-103	3 - 10
120	0,36	0,07	72	0,6	213-120-103	3 - 10
125	0,33	0,06	75	0,7	213-125-103	3 - 10
130	0,28	0,06	78	0,7	213-130-103	3 - 10
140	0,25	0,05	84	0,7	213-140-103	3 - 10
150	0,22	0,04	90	0,8	213-150-103	3 - 10
160	0,21	0,04	96	0,8	213-160-103	3 - 10
170	0,19	0,03	102	0,8	213-170-103	3 - 10
175	0,185	0,03	105	0,9	213-175-103	3 - 10
180	0,172	0,03	108	0,9	213-180-103	3 - 10
200	0,148	0,03	120	1	213-200-103	3 - 10
215	0,128	0,02	151	1,1	213-215-103	3 - 10
225	0,115	0,02	158	1,1	213-225-103	3 - 10
250	0,1	0,02	175	1,3	213-250-103	3 - 10
275	0,08	0,01	193	1,4	213-275-103	3 - 10
300	0,07	0,01	210	1,5	213-300-103	3 - 10
315	0,062	0,01	221	1,6	213-315-103	3 - 10
325	0,059	0,01	228	1,7	213-325-103	3 - 10
350	0,056	0,01	245	1,9	213-350-103	3 - 10



375	0,05	0,01	263	2,2	213-375-103	3 - 10
400	0,047	0,01	280	2,4	213-400-103	3 - 10
450	0,045	0,01	360	2,7	213-450-103	3 - 10
500	0,043	0,01	400	3,1	213-500-103	3 - 10
550	0,042	0,01	440	3,5	213-550-103	3 - 10
600	0,039	0,01	480	3,9	213-600-103	3 - 10
700	0,031	0,01	560	4,5	213-700-103	3 - 10
800	0,022	0,01	640	5,2	213-800-103	3 - 10
900	0,018	0,01	720	6	213-900-103	3 - 10

All data refers to a medium and ambient temperature of +20 °C.
* Refers to the inner hose lining
Subject to technical changes and colour deviations.



Order-specific production

- Order-specific production in above listed sizes and lengths of 3 to 10m, available within 48 hrs on request.

Available on request

- Available on request in other lengths, sizes, colours, spiral intervals, with stainless steel spirals.

Connections



Hose Reducer, symmetrical



Clip-Grip quick action clamp



Clip-Grip Hose clamp, screwable



Hose Connector