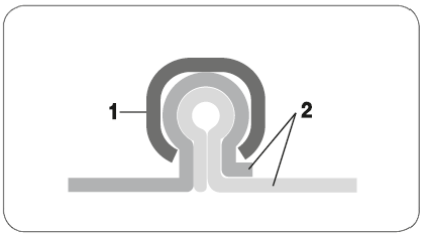
VENT CLIP PTFE EX





Suction and Blower hose for hazardous zones

Material

1. Clip profile spiral: hot-dip galvanised steel band
2. Wall: multi-layered PTFE laminate, electrically conductive

- The electrostatic charges are dissipated by earthing the spiral on both sides

Properties

- $-150^{\circ}C$ to $+280^{\circ}C$ peaks to $+300^{\circ}C$
- chemical resistant
- ATEX-EX $R_O \leq 10^6 \Omega$
- FDA compliant
- compressable 1:6
- highly flexible
- clamp mechanism
- RoHS compliant

Chemical resistance

- Look chemical resistance data sheet

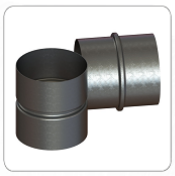
Production standards

- Production lengths: from 3m to 10m
- Color: outer: black inner: black
- Available on request with stainless steel spirals

Connectors:



Clip Clamp



Hose Connector



Hose Reducer

DN (inner diameter) [mm]	Op. pressure [bar]	Vacuum [mm H_2O]	Bend radius [mm*]	Weight [kg/m]
55	0,580	1300	33	0,69
60	0,550	1260	36	0,74
65	0,500	1125	39	0,80
70	0,400	1100	42	0,85
75	0,350	1000	45	0,91
80	0,300	900	48	0,97
90	0,260	800	54	1,08
100	0,230	675	60	1,12
110	0,200	575	66	1,18
120	0,180	525	72	1,23
125	0,170	500	75	1,29
130	0,150	475	78	1,33
140	0,140	450	84	1,39
150	0,140	440	90	1,45
160	0,130	390	96	1,49
170	0,120	350	102	1,53
175	0,110	330	105	1,56
180	0,110	310	108	1,59
200	0,100	250	120	1,62
215	0,090	220	151	1,73
225	0,080	200	158	1,81
250	0,080	160	175	2,01
275	0,070	130	193	2,20
300	0,060	110	210	2,40
315	0,060	100	221	2,51
325	0,050	95	228	2,59
350	0,050	80	245	2,79
375	0,040	70	263	2,98
400	0,030	63	280	5,40
500	0,030	40	400	6,73
600	0,020	28	480	8,06
700	0,020	20	560	9,38
800	0,020	16	640	10,71
900	0,010	12	720	12,03

* It applies to the inside of the bended hose.

Above data refer to ambient and medium temperature of $20^{\circ}C$. Products and technical data contained in this catalog are presented for informational purposes only, are subject to change without notice and should not be considered commercial offer.
Company **Mastervent** is not responsible for any errors or inaccuracies that may appear in the publication. The tolerance of inner diameter of the hose is from +1mm to +3mm depending on the diameter.