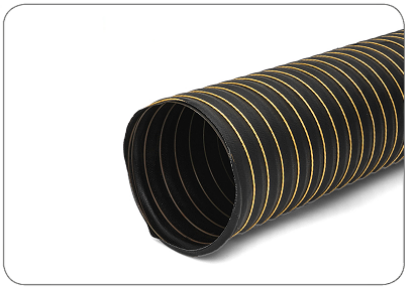
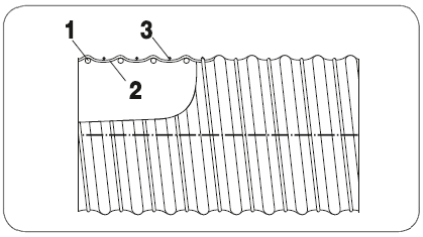
250°C

VENT NEO 1







Medium temperature hose up to +135°C

Material

1. Spiral: spring steel wire
2. Wall: neoprene coated glass fabric
3. Cord: fiberglass fabric

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

Properties

- -70°C to +135°C peaks -55°C to +150°C
- light
- highly flexible
- RoHS compliant

Chemical resistance

- Look chemical resistance data sheet

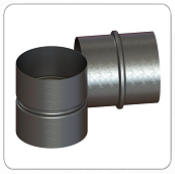
Production standards

- Production lengths: 4m
- Color: outer: black inner: black
- Available on request in an insulated version VENT ISO NEO 1

Connectors:



Clamp



Hose Connector



Hose Reducer

DN (inner diameter) [mm]	Op. pressure [bar]	Vacuum [mm H_2O]	Bend radius [mm*]	Weight [kg/m]
13	1,700	5200	8	0,10
19	1,600	5100	8	0,11
26	1,600	5100	8	0,12
30	1,400	5000	10	0,14
32	1,400	5000	10	0,14
38	1,300	5000	12	0,17
41	1,300	4800	13	0,20
42	1,300	4800	13	0,20
44	1,200	4600	14	0,21
45	1,200	4600	14	0,21
51	1,200	4300	16	0,25
55	1,100	4200	18	0,27
57	1,100	4100	18	0,28
60	1,100	4000	20	0,30
63	1,100	3900	22	0,32
64	1,100	3900	22	0,34
65	1,100	3800	22	0,34
70	1,100	3600	24	0,36
76	1,100	3400	27	0,41
80	1,000	3200	28	0,44
83	1,000	3100	28	0,46
90	1,000	3000	29	0,49
95	0,900	2800	32	0,56
102	0,900	2600	35	0,65
108	0,900	2400	38	0,68
110	0,900	2400	38	0,69
114	0,900	2200	40	0,71
120	0,800	2000	43	0,76
127	0,800	1700	46	0,80
130	0,800	1700	47	0,82
140	0,700	1500	48	0,90
152	0,700	1400	51	0,99
160	0,600	1300	53	1,05
173	0,600	1200	55	1,13
178	0,600	1100	58	1,13
180	0,600	1100	60	1,19
203	0,500	700	68	1,33
229	0,400	580	84	1,48
254	0,400	400	102	1,68
305	0,200	200	123	2,05

* It applies to the inside of the bended hose.

Above data refer to ambient and medium temperature of 20°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.

MASTERVENT®
MANUFACTURER OF TECHNICAL HOSES