

Medium- and high temperature hose up to +650°C

**Material**

- 1 clip profile spiral: hot-dip galvanised steel band
- 2 wall: double-layered, inner and outer layers with special coated high-temperature fabric reinforced with integrated VA wire

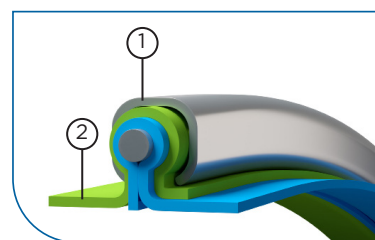


**Applications**

- oven manufacturing
- exhaust gas extraction for high-performance engine test-benches in the automotive industry
- automotive and aircraft industry
- shipbuilding industry
- infrared drying units
- heat protection
- mining and steel industry
- machine manufacturing
- smoke extractors

**Properties**

- very good temperature resistance
- outer chafing protection spiral
- flame-resistant
- increased vibration resistance via integrated reinforcement components
- silicone-free
- flexible
- limited suitability for long-term kink movements
- good vacuum resistance
- axial compressable
- small bending radius
- withstands high mechanical loads
- high tension-proof connection of wall-lining and spiral via special clamp mechanism



**Temperature Range**

- -20°C to +650°C for vacuum applications
- peaks to +750°

DN	vacuum	bend radius	weight/m
	bar	mm	kg
50	0.39	30	1.1
55	0.34	33	1.19
60	0.31	36	1.29
65	0.29	39	1.38
70	0.26	42	1.47
75	0.25	45	1.57
80	0.22	48	1.66
90	0.21	54	1.85
100	0.17	60	1.57
110	0.14	66	1.71
120	0.12	72	1.85
125	0.1	75	1.93
130	0.1	78	2
140	0.09	84	2.14
150	0.08	90	2.29
160	0.07	96	2.43
170	0.06	102	2.57
175	0.06	105	2.65
180	0.05	108	2.72
200	0.04	120	3.01
215	0.04	151	3.22
225	0.03	158	3.36
250	0.03	175	3.72
275	0.02	193	4.08
300	0.02	210	4.44
315	0.02	221	4.66
325	0.02	228	4.8
350	0.02	245	5.16
375	0.01	263	5.55
400	0.01	280	5.91
450	0.01	360	6.63
500	0.01	400	7.35
550	0.01	440	8.07
600	0.01	480	8.79
700	0.01	560	10.23
800	0.01	640	11.67
900	0.01	720	13.11