VACUFLEX® K1H-ST

Lightweight and flexible PVC hose



Applications extraction systems, air supply, cable protection, dust extraction, ventilation

Structure PVC, black / grey aluminium (similar RAL 9007), opaque, steel wire / spring steel wire / coated / PVC

Temperature -10°C up to 70°C

Properties light weight, good flexibility, good chemical resistance, hydrolysis & microbe resistant, phthalate-free





made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
10	15,60	10	0,50	0,35	0,12400	1-0025-010-00/999
16	21,60	16	0,50	0,35	0,18500	1-0025-016-00/999
20	25,60	20	0,50	0,35	0,22200	1-0025-020-00/999
22	27,60	22	0,50	0,35	0,24300	1-0025-022-00/999
24	29,60	24	0,50	0,35	0,26200	1-0025-024-00/999
25	30,60	25	0,50	0,30	0,27200	1-0025-025-00/999
26	31,20	26	0,50	0,30	0,18700	1-0025-026-00/999
28	33,20	28	0,50	0,30	0,20000	1-0025-028-00/999
30	35,20	30	0,50	0,30	0,21300	1-0025-030-00/999
32	37,20	32	0,50	0,30	0,22600	1-0025-032-00/999
40	45,20	40	0,40	0,30	0,28000	1-0025-040-00/999
42	47,20	42	0,40	0,30	0,29300	1-0025-042-00/999
48	53,40	48	0,40	0,30	0,32800	1-0025-048-00/999
50	55,40	50	0,40	0,25	0,34600	1-0025-050-00/999
60	65,40	60	0,40	0,25	0,41200	1-0025-060-00/999
63	68,40	63	0,40	0,25	0,43100	1-0025-063-00/999
75	80,80	75	0,40	0,25	0,57400	1-0025-075-00/999
80	86,60	80	0,40	0,25	0,74100	1-0025-080-00/999
90	96,60	90	0,30	0,25	0,83000	1-0025-090-00/999
100	106,60	100	0,30	0,25	0,92300	1-0025-100-00/999
110	116,60	130	0,30	0,25	1,00700	1-0025-110-00/999
120	126,60	150	0,30	0,25	1,10500	1-0025-120-00/999

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All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. Technical changes and color deviations are subject to change. Other versions are available upon request.
Date: 24.11.2026

Inner Diameter (mm)	Outer Diameter (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
125	131,60	175	0,30	0,25	1,14900	1-0025-125-00/999
127	133,80	180	0,30	0,25	1,16700	1-0025-127-00/999
130	137,60	180	0,20	0,12	1,28600	1-0025-130-00/999
150	157,70	190	0,20	0,25	1,48500	1-0025-150-00/999
160	167,70	195	0,20	0,25	1,57900	1-0025-160-00/999
200	207,70	250	0,10	0,05	1,98400	1-0025-200-00/999
250	258,00	330	0,10	0,05	2,32000	1-0025-250-00/999

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