VACUFLEX® K1H PU MHR

Light weight and flexible hose made of Polyurethane

Applications cleaning, industrial vacuum cleaners, engine construction, medical devices, cable protection

Structure Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PU

Temperature -40°C up to 90°C, short term up to 125°C

Properties light weight, good flexibility, good tensile strength, ultimate elongation, good abrasion resistance, free of halogen & softeners, phthalate-free







made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
10	15,60	0,50	10	0,60	0,45	0,08400	1-1806-010-00/999
11	16,60	0,50	11	0,60	0,45	0,16900	1-1806-011-00/999
12	17,60	0,50	12	0,60	0,45	0,09800	1-1806-012-00/999
14	19,60	0,50	14	0,60	0,45	0,11200	1-1806-014-00/999
16	21,60	0,50	16	0,60	0,45	0,12600	1-1806-016-00/999
18	23,60	0,50	18	0,60	0,45	0,17200	1-1806-018-00/999
20	25,60	0,50	20	0,60	0,45	0,18800	1-1806-020-00/999
22	27,60	0,50	22	0,60	0,45	0,16950	1-1806-022-00/999
26	31,60	0,50	26	0,60	0,45	0,22350	1-1806-026-00/999
30	35,60	0,50	30	0,60	0,45	0,25700	1-1806-030-00/999
32	37,60	0,50	32	0,60	0,45	0,26800	1-1806-032-00/999
35	40,60	0,50	35	0,60	0,45	0,28100	1-1806-035-00/999
38	43,60	0,50	38	0,60	0,45	0,31100	1-1806-038-00/999
40	45,60	0,50	40	0,60	0,45	0,23800	1-1806-040-00/999
42	47,60	0,50	42	0,60	0,45	0,24200	1-1806-042-00/999
45	50,60	0,50	45	0,60	0,45	0,25800	1-1806-045-00/999
50	56,00	0,50	50	0,60	0,35	0,31900	1-1806-050-00/999
51	57,00	0,50	51	0,60	0,35	0,32600	1-1806-051-00/999
55	61,00	0,50	55	0,60	0,35	0,35200	1-1806-055-00/999
60	66,00	0,50	60	0,60	0,35	0,42900	1-1806-060-00/999
65	71,40	0,50	65	0,60	0,35	0,47400	1-1806-065-00/999
70	76,40	0,50	70	0,60	0,35	0,47400	1-1806-070-00/999

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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)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
75	81,40	0,50	75	0,60	0,35	0,55000	1-1806-075-00/999
76	82,40	0,50	76	0,60	0,35	0,56400	1-1806-076-00/999
80	87,00	0,50	80	0,60	0,35	0,62400	1-1806-080-00/999
90	97,00	0,50	90	0,60	0,35	0,67500	1-1806-090-00/999
100	107,00	0,50	100	0,60	0,35	0,84400	1-1806-100-00/999
102	109,00	0,50	102	0,40	0,30	0,84400	1-1806-102-00/999
110	117,00	0,50	130	0,40	0,30	1,10000	1-1806-110-00/999
120	127,00	0,60	150	0,40	0,30	0,93900	1-1806-120-00/999
127	134,00	0,60	180	0,40	0,30	1,33500	1-1806-127-00/999
130	138,00	0,60	180	0,30	0,20	1,16000	1-1806-130-00/999
140	148,00	0,60	185	0,30	0,20	1,43800	1-1806-140-00/999
150	158,00	0,60	190	0,30	0,20	1,28400	1-1806-150-00/999
152	160,00	0,60	191	0,30	0,20	1,32300	1-1806-152-00/999
160	168,00	0,60	195	0,30	0,20	1,40800	1-1806-160-00/999
175	183,00	0,60	205	0,30	0,20	1,49400	1-1806-175-00/999
180	188,00	0,60	220	0,30	0,20	1,53600	1-1806-180-00/999
200	208,00	0,60	250	0,15	0,15	1,70400	1-1806-200-00/999
203	211,00	0,60	253	0,15	0,15	1,67800	1-1806-203-00/999
250	258,00	0,60	330	0,15	0,15	2,01000	1-1806-250-00/999
300	308,00	0,60	420	0,10	0,08	2,22800	1-1806-300-00/999

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