VACUFLEX® K1H TPR

Light weight and highly flexible TPR hose

Applications automotive engineering, engine construction, filter systems, compressors, air supply

Structure TPR, black, opaque, steel wire / spring steel wire / coated / PP

Temperature -40°C up to 135°C, short term up to 150°C

Properties light weight, very good flexibility, good temperature resistance, good chemical resistance, good ozone- & UV-resistance, hydrolysis & microbe resistant, weather proof, rot proof



hydrolysis resistant · microbe-resistant · +120°C high temperature · air · dust

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	0,65	10	1,00	0,60	0,08900	1-1906-010-00/999
12	17,60	0,65	12	1,00	0,60	0,10300	1-1906-012-00/999
14	19,60	0,65	14	1,00	0,60	0,11800	1-1906-014-00/999
16	21,60	0,65	16	1,00	0,60	0,13300	1-1906-016-00/999
18	23,60	0,65	18	1,00	0,60	0,14800	1-1906-018-00/999
19	24,60	0,65	19	1,00	0,60	0,10200	1-1906-019-00/999
20	25,60	0,65	20	1,00	0,60	0,10700	1-1906-020-00/999
25	30,60	0,65	25	0,90	0,55	0,13500	1-1906-025-00/999
26	31,60	0,65	26	0,90	0,55	0,16300	1-1906-026-00/999
30	35,60	0,65	30	0,90	0,55	0,18600	1-1906-030-00/999
32	37,60	0,65	32	0,90	0,55	0,16900	1-1906-032-00/999
35	40,60	0,65	35	0,90	0,55	0,19000	1-1906-035-00/999
38	43,60	0,65	38	0,90	0,55	0,20600	1-1906-038-00/999
40	45,60	0,65	40	0,90	0,55	0,21700	1-1906-040-00/999
45	50,60	0,65	45	0,90	0,55	0,24500	1-1906-045-00/999
48	54,00	0,65	48	0,90	0,55	0,28400	1-1906-048-00/999
50	56,00	0,65	50	0,70	0,55	0,26700	1-1906-050-00/999
51	57,00	0,65	51	0,70	0,50	0,26700	1-1906-051-00/999
52	58,00	0,65	52	0,70	0,50	0,27300	1-1906-052-00/999
55	61,00	0,65	55	0,70	0,50	0,32400	1-1906-055-00/999
60	66,00	0,65	60	0,70	0,50	0,33900	1-1906-060-00/999
63	69,00	0,65	63	0,70	0,50	0,43700	1-1906-063-00/999

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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: 04.11.2026

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)	Article Number
70	76,40	0,65	70	0,70	0,50	0,42400	1-1906-070-00/999
75	81,40	0,65	75	0,70	0,50	0,45500	1-1906-075-00/999
80	87,00	0,65	80	0,70	0,50	0,61900	1-1906-080-00/999
90	97,00	0,65	90	0,70	0,50	0,71200	1-1906-090-00/999
100	107,00	0,65	100	0,50	0,45	0,79300	1-1906-100-00/999
102	109,00	0,65	102	0,50	0,45	0,80900	1-1906-102-00/999
110	117,00	0,65	130	0,50	0,45	0,87200	1-1906-110-00/999
120	127,00	0,65	150	0,50	0,45	0,95200	1-1906-120-00/999
125	132,00	0,65	175	0,50	0,45	0,99200	1-1906-125-00/999
127	134,00	0,65	180	0,50	0,45	1,32600	1-1906-127-00/999
130	138,00	0,65	180	0,40	0,20	1,03200	1-1906-130-00/999
140	148,00	0,65	185	0,40	0,20	1,11200	1-1906-140-00/999
150	158,00	0,65	190	0,40	0,20	1,34000	1-1906-150-00/999
160	168,00	0,65	195	0,40	0,20	1,26900	1-1906-160-00/999
170	178,00	0,65	200	0,40	0,20	1,34900	1-1906-170-00/999
175	183,00	0,65	205	0,40	0,20	1,56000	1-1906-175-00/999
180	188,00	0,65	220	0,40	0,20	1,60400	1-1906-180-00/999
200	208,00	0,65	250	0,20	0,15	1,58800	1-1906-200-00/999
203	211,00	0,65	253	0,20	0,15	1,85800	1-1906-203-00/999
250	258,00	0,65	330	0,20	0,15	1,94100	1-1906-250-00/999
254	262,00	0,65	334	0,20	0,15	2,02600	1-1906-254-00/999
255	263,00	0,65	335	0,20	0,15	2,03400	1-1906-255-00/999
300	308,00	0,65	420	0,10	0,10	2,39300	1-1906-300-00/999
400	408,00	0,65	520	0,10	0,10	4,11400	1-1906-400-00/999

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