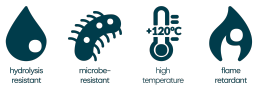
VACUFLEX® K1H-XS TPR UL

Very flexible TPR hose, listed according UL fire protection standard



Applications	engine construction, filter systems, automotive engineering, medical devices, printing machines
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	good flexibility, very good temperature resistance, good chemical resistance, good ozone- & UV-resistance, hydrolysis & microbe resistant, weather proof, rot proof, flame-retardant
Norms	flame-retardant according to UL 94 fire protection standard





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
18	25,00	1,20	27	2,50	0,80	0,20600	4-2406-018-00/999
20	27,00	1,20	30	2,50	0,80	0,22700	4-2406-020-00/999
25	32,00	1,20	37	2,00	0,65	0,27900	4-2406-025-00/999
26	33,00	1,20	39	2,00	0,65	0,22600	4-2406-026-00/999
30	37,00	1,20	45	2,00	0,65	0,25800	4-2406-030-00/999
32	39,00	1,20	48	2,00	0,65	0,33800	4-2406-032-00/999
35	42,00	1,20	52	2,00	0,65	0,36800	4-2406-035-00/999
38	45,00	1,20	57	2,00	0,65	0,32300	4-2406-038-00/999
40	47,00	1,20	60	2,00	0,65	0,31200	4-2406-040-00/999
45	52,00	1,20	67	2,00	0,65	0,38000	4-2406-045-00/999
48	55,00	1,20	72	2,00	0,65	0,49800	4-2406-048-00/999
50	57,00	1,20	75	1,50	0,55	0,38300	4-2406-050-00/999
51	58,00	1,20	76	1,50	0,55	0,52800	4-2406-051-00/999
55	62,00	1,20	82	1,50	0,55	0,56800	4-2406-055-00/999
60	67,00	1,20	90	1,50	0,55	0,45700	4-2406-060-00/999
63	70,00	1,20	94	1,50	0,55	0,64900	4-2406-063-00/999
70	77,00	1,20	105	1,50	0,55	0,59100	4-2406-070-00/999
75	83,00	1,20	112	1,50	0,55	0,72900	4-2406-075-00/999
80	88,00	1,20	120	1,50	0,55	0,92600	4-2406-080-00/999
90	98,00	1,20	135	1,50	0,55	1,04000	4-2406-090-00/999
100	108,00	1,20	150	1,00	0,50	1,07900	4-2406-100-00/999
102	110,00	1,20	153	1,00	0,50	1,09000	4-2406-102-00/999

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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
110	118,00	1,20	165	1,00	0,50	1,09200	4-2406-110-00/999
120	128,00	1,20	180	1,00	0,50	1,18900	4-2406-120-00/999
125	133,00	1,20	187	1,00	0,50	1,34400	4-2406-125-00/999
127	135,00	1,20	190	1,00	0,50	1,25800	4-2406-127-00/999
130	139,00	1,20	195	0,80	0,30	1,38900	4-2406-130-00/999
140	149,00	1,20	210	0,80	0,30	1,49700	4-2406-140-00/999
150	159,00	1,20	225	0,80	0,30	1,59900	4-2406-150-00/999
200	209,00	1,20	300	0,60	0,20	2,10200	4-2406-200-00/999
270	280,00	1,20	540	0,60	0,20	2,82600	4-2406-270-00/999
300	310,00	1,20	600	0,40	0,10	3,13800	4-2406-300-00/999

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