K1H-XS TPR UL



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

Technical data

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)
18	25,00	1,20	27	2,50	0,80	0,20600
20	27,00	1,20	30	2,50	0,80	0,22700
25	32,00	1,20	37	2,00	0,65	0,27900
26	33,00	1,20	39	2,00	0,65	0,22600
30	37,00	1,20	45	2,00	0,65	0,25800
32	39,00	1,20	48	2,00	0,65	0,33800
35	42,00	1,20	52	2,00	0,65	0,36800
38	45,00	1,20	57	2,00	0,65	0,32300
40	47,00	1,20	60	2,00	0,65	0,31200
45	52,00	1,20	67	2,00	0,65	0,38000
48	55,00	1,20	72	2,00	0,65	0,49800
50	57,00	1,20	75	1,50	0,55	0,38300
51	58,00	1,20	76	1,50	0,55	0,52800
55	62,00	1,20	82	1,50	0,55	0,56800
60	67,00	1,20	90	1,50	0,55	0,45700
63	70,00	1,20	94	1,50	0,55	0,64900
70	77,00	1,20	105	1,50	0,55	0,59100
75	83,00	1,20	112	1,50	0,55	0,72900
80	88,00	1,20	120	1,50	0,55	0,92600
90	98,00	1,20	135	1,50	0,55	1,04000
100	108,00	1,20	150	1,00	0,50	1,07900
102	110,00	1,20	153	1,00	0,50	1,09000

Original technical data by OCONO - VACUFLEX

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Technical data - continued

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Vacuum Max. (bar)	Weight (kg/m)
110	118,00	1,20	165	1,00	0,50	1,09200
120	128,00	1,20	180	1,00	0,50	1,18900
125	133,00	1,20	187	1,00	0,50	1,34400
127	135,00	1,20	190	1,00	0,50	1,25800
130	139,00	1,20	195	0,80	0,30	1,38900
140	149,00	1,20	210	0,80	0,30	1,49700
150	159,00	1,20	225	0,80	0,30	1,59900
200	209,00	1,20	300	0,60	0,20	2,10200
270	280,00	1,20	540	0,60	0,20	2,82600
300	310,00	1,20	600	0,40	0,10	3,13800

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