K1H-XS TPR V0



Applications wind turbines, caravans & campers, ventilation, medical devices, aviation

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, very good low-temperature flexibility, flame-retardant, self-extinguishing, good ozone- & UV-resistance, hydrolysis & microbe resistant, rot proof, weather proof

Norms flame-retardant according to UL 94 fire protection standard / V0

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	0,27400
35	42,00	1,20	52	2,00	0,65	0,29900
38	45,00	1,20	57	2,00	0,65	0,39400
40	47,00	1,20	60	2,00	0,65	0,33900
45	52,00	1,20	67	2,00	0,65	0,38000
48	55,00	1,20	72	2,00	0,65	0,36800
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	0,42000
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	0,63200
80	88,00	1,20	120	1,50	0,55	0,80000
90	98,00	1,20	135	1,50	0,55	0,89700
100	108,00	1,20	150	1,00	0,50	0,99500
102	110,00	1,20	153	1,00	0,50	1,01400

Original technical data by OCONO - VACUFLEX

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Via C. Negri 10-12 - 23030 Chiuro (SO) - Italy | +39 0342 209200 | info@borserini.it | www.borserini.com
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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	0,92500
127	135,00	1,20	190	1,00	0,50	0,94000
130	139,00	1,20	195	0,80	0,30	0,96200
140	149,00	1,20	210	0,80	0,30	1,49700
150	159,00	1,20	225	0,80	0,30	1,59900
160	169,00	1,20	240	0,80	0,30	1,70600
162	174,00	1,20	243	0,80	0,30	1,72600
175	184,00	1,20	262	0,80	0,30	1,92500
180	189,00	1,20	270	0,80	0,30	1,98000
190	199,00	1,20	285	0,80	0,30	2,09000
200	209,00	1,20	300	0,60	0,20	2,13100
250	260,00	1,20	500	0,60	0,20	2,82500
270	280,00	1,20	540	0,60	0,20	2,88000
300	310,00	1,20	600	0,40	0,10	3,19600
306	316,00	1,20	606	0,40	0,10	3,26000

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