



K-FLEX[®] ST elastomer tube

The insulation tubes K-FLEX[®] ST are suitable for the temperature range from -200 °C to +110 °C. They meet demanding requirements on insulating material for the areas of industrial cooling, air-conditioning, air handling, sanitation and heating.

- Elastomer insulation with closed cell structure
- High factor of resistance against diffusion of water vapours
- High thermal-insulating efficiency
- Guaranteed elasticity and stability
- Easy installation and handling
- Resistant against moulds and bacteria

Technical parameters

Tube length	2 m
Wall thickness	from 6 mm to 32 mm
Inner diameter	from 6 mm to 160 mm
Use for temperature range	from -165 °C* to +110 °C
Coefficient of resistance against water vapour diffusion	$\mu > 7000$
Thermal conductivity λ	0.040 W/(m·K) at +40 °C
Flammability	ČSN 73 0862 – B not easily flammable

- Industrial installations: the product can be installed at temperatures up to -198 °C; in the case of applications at below -40 °C, please contact our technical department.

ASSORTMENT OF DIMENSIONS – insulation K-flex® ST is supplied in tubes with the length of 2 m, in a cardboard box with the size of 210 x 39 x 33 cm

Inner diameter (mm)	Quantity in box (m)					
	Wall th. 6 mm	Wall th. 9 mm	Wall th. 13 mm	Wall th. 19 mm	Wall th. 25 mm	Wall th. 32 mm
6	496	352	200	-	-	-
8	432	300	200	-	-	-
10	364	266	172	98	-	-
12	316	234	162	88	-	40
15	266	192	136	78	-	36
18	220	166	118	72	50	32
22	180	136	98	64	42	32
25	-	108	80	64	-	-
28	130	98	78	48	40	24
30	-	92	72	42	-	-
35	100	76	58	36	24	22
38	-	60	-	-	-	-
42	90	60	48	32	22	16
45	-	56	44	32	-	-
48	-	50	40	24	18	14
54	-	46	34	24	16	12
57	-	46	34	22	-	-
60	-	46	32	22	12	10
64	-	46	30	18	12	10
70	-	40	26	18	12	8
76	-	40	26	18	10	8
80	-	36	24	14	-	8
89	-	36	24	14	8	8
102	-	22	16	14	6	6
108	-	22	16	12	6	6
114	-	22	16	12	6	6
125	-	20	12	10	6	4
133	-	16	12	8	4	4
140	-	16	12	8	4	4
160	-	16	12	8	4	4