

K-FLEX® ST PLUS

New:
also available
in nominal
insulation
thickness



K-FLEX® ST PLUS

- ▶ The high-performance insulation for all applications in the temperature range from -200 °C to + 110 °C
- ▶ Condensation prevention and energy saving
- ▶ New: fire class B_L-s2, high specification closed cell structure
- ▶ Resistant to mould, fungus and bacteria
- ▶ Available in sheet and tube form

Video	App. Manual



TECHNICAL DATA



K-FLEX® ST PLUS ▶ TECHNICAL DATA		
Property	Value	Test method
Temperature range	K-FLEX® ST PLUS Tubes: from -165 °C* to +110 °C K-FLEX® ST/SK PLUS: from -40 °C to +85 °C K-FLEX® ST PLUS Sheet: from -165 °C* to +85 °C	EN 14706 EN 14707
Thermal conductivity λ W/(m·K)	ST-1 to ST-4 / Typ 9 to 19 -20 °C = 0,031 0 °C = 0,033 +20 °C = 0,035 +40 °C = 0,037	EN 12667 EN ISO 8497
Corrosion prevention	ST-5 to ST-6 / Typ 25 to 40 -20 °C = 0,034 0 °C = 0,036 +20 °C = 0,038 +40 °C = 0,040	EN 13468
Permeability μ	pH neutral (7)	EN 12086
Fire rating	≥ 10000	EN 13501-1
Ecological data	K-FLEX® ST PLUS Tubes: Euroclass B ₁ -s2, d0 K-FLEX® ST/SK PLUS: Euroclass B ₁ -s2, d0 K-FLEX® ST Sheet: Euroclass B-s3, d0 ** DIN 4102 Teil 11 (Wand- und Deckendurchführung) ISOSCHOTT	Without CFCs and HCFCs

* For industrial applications, product can be applied down to -200°C; for applications below -40°C please contact our technical department.
** Sheets with fire class B-s2, d0, combinable with K-FLEX® ST PLUS, see K-FLEX® SRC.
K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX® ST PLUS ▶ RANGE				
	Length	Thicknesses	Diameters	
K-FLEX® ST PLUS - Tubes	2 m	ST-1 to ST-6 (7-45 mm) Typ 9-40	from 6 to 160 mm	
K-FLEX® ST/SK PLUS - Adhesive tubes	2 m	ST-1 to ST-4 (8-22,5 mm) Typ 9-19	from 15 to 89 mm	
K-FLEX® st PLUS Sheet (standard and self adhesive with network structure)	SHEET WIDTH 1000 MM		SHEET DIMENSIONS 2 X 0,5 M	
	Insulation thickness	m or m ² large carton	m or m ² small carton	m ² /Carton
	6	30		
	10	20	10	26
	13	14	8	18
	16	12		16
	19	10	6	14
	25	8	4	10
	32	6	3	8
	40			
50	4		6	
60				

BASIC PRODUCT RANGE



K-FLEX® ST PLUS TUBES

K-FLEX® ST PLUS meets all the requirements to meet a wide range of civil and industrial plant requirements: cooling, air conditioning and hot water systems, insulation of tanks, connections, water pipes and all applications requiring the use of a thermal insulating material.

Additional products can be found in this price list under the headings K-FLEX® sheathings and insulation systems, K-FLEX® pipe supports and cold pipe clamps, K-FLEX® tapes, K-FLEX® elastomer molded parts, K-FLEX® accessories



**K-FLEX® ST/SK PLUS TUBE
SELFADHESIVE
NEW: WITH BEVEL CUT**



K-FLEX® ST PLUS SHEET

Continuous, with and without self-adhesive coating



**K-FLEX® ST/SK PLUS
SELF ADHESIVE WITH
OVERLAP TAPE**



K-FLEX® ST PLUS SHEET

2 m x 0,5 m