

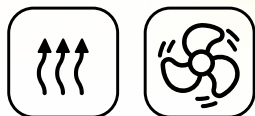
K-FLEX® S1

Low smoke
emission tube
s1

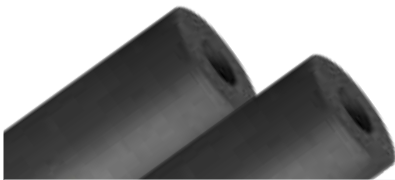


K-FLEX® S1

- ▶ Uncoated tubes with Euroclass B_L-s1,d0 - featuring the industry-leading classification for minimal smoke emission
- ▶ The optimal product for air conditioning/ventilation applications
- ▶ Excellent thermal insulator
- ▶ Application temperature range from -40 °C at 110 °C
- ▶ NBR based product
- ▶ Soft, highly flexible, and easy to apply
- ▶ K-FLEX® S1 OPEN TUBES: suitable for pipes (including insulation) up to a maximum diameter of Ø 300 mm



TECHNICAL DATA



Low smoke.
High compliance.
**Euroclass
B_L-s1,d0**

K-FLEX® S1 ▶ TECHNICAL DATA		
Property ▼	Value ▼	Test method ▼
Temperature range	from -40°C to +110°C	EN 14706 EN 14707
Thermal conductivity λ W/(m•K)	-20°C = 0,038 0°C = 0,040 +20°C = 0,042 +40°C = 0,044	EN 12667 EN ISO 8497
Corrosion prevention	pH neutral (7)	EN 13468
Permeability μ	≥ 7000	EN 12086
Fire rating	Euroclass B _L -s1, d0	EN 13501-1
Ecological data	Without CFCs and HCFCs	
For applications below -40°C please contact our technical department. K-FLEX® reserves the right to change data and technical requirements without notice.		

RANGE

K-FLEX® S1 ▶ RANGE			
	Length ▼	Thicknesses ▼	Diameters ▼
K-FLEX® S1 - Tubes	2 m	9-13-19-25-32 mm	from 6 to 114 mm
K-FLEX® S1 OPEN TUBES: applicable on pipes (incl. insulation) up to max. outer Ø 300 mm.			

DESCRIPTION

When it comes to insulation materials, safety is just as important as performance. One crucial aspect is the reaction to fire classification, especially for materials like expanded elastomeric foam used in pipe insulation. These products must meet stringent fire safety standards to prevent the spread of flames and reduce smoke emissions in case of fire. Choosing high-quality, fire-resistant elastomeric insulation enhances both thermal efficiency and safety, making buildings more secure and comfortable.

For this reason, K-FLEX® has expanded its product range with **K-FLEX® S1**, a **Euroclass B_L-s1, d0** tube that meets the necessary requirements for enhanced fire safety and performance. This ensures regulatory compliance while maintaining the highest standards of insulation and comfort.

ACCESSORIES

To complete the K-FLEX® S1 range, we recommend the use of K-FLEX® S2 sheet, pre-formed elastomer bends and 'T's, tapes and pipe supports.



K-FLEX® S1:
THE SMART CHOICE
FOR SAFE AND
EFFICIENT INSULATION.