



Excellent
thermal
conductivity
values

K-FLEX® SRC
B-s2,d0
μ10.000

GENERAL INFORMATION

Insulation sheets with reduced smoke emission.

DESCRIPTION

K-FLEX® SRC's innovative design combines the high thermal performance of a rubber based flexible elastomeric foam with a reduced smoke emission coating.

APPLICATIONS

K-FLEX® SRC sheet is ideal for thermal insulation of pipes, ducting and technical systems in public buildings.

CLASSIFICATION

K-FLEX® SRC sheet has been tested according to the current European Standard EN 13501-1 for fire classification of construction products, and is classified B-s2, d0.

The main advantages of **K-FLEX® SRC** are:

- ▶ Retarded ignition of the flame
- ▶ Reduced flame propagation.
- ▶ Low thermal conductivity.
- ▶ High resistance to water vapour diffusion.
- ▶ Wide range of operating temperatures.
- ▶ Consistent performance.
- ▶ Higher mechanical properties with respect to uncoated elastomeric insulation.
- ▶ Quick and easy installation.

TECHNICAL DATA

K-FLEX® SRC ▶		
Property ▼	Value ▼	Test method ▼
Temperature range	From -40 °C* to +85 °C	EN 14706
Thermal conductivity λ W/(m•K)	-20 °C = 0,031 0 °C = 0,033 +20 °C = 0,035 +40 °C = 0,037	EN 13787 EN 12667
Corrosion prevention	pH neutral (7±0,5)	EN 13468
Water permeability	WS < 0.1%	EN 13472
Permeability μ	≥ 10000	EN 12086
Fire rating	B-s2,d0	EN 13501-1
Leacheable chloride	< 500 ppm	EN 13468
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.

