

K-FLEX® SRC

B-s2,d0



K-FLEX® SRC - SRC ECO

- ▶ Sheets with reaction to fire euroclass B-s2, d0
- ▶ Low smoke emission in case of fire
- ▶ Excellent thermal conductivity
- ▶ High resistance to water vapour diffusion
- ▶ Application temperatures from -40 °C to 85 °C

Site



Brochure



App. Manual



TECHNICAL DATA



K-FLEX® SRC ▸ TECHNICAL DATA		
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

* For applications below -40 °C please contact our Technical Department

K-FLEX® reserves the right to change data and technical requirements without notice.



K-FLEX® SRC ECO ▸ TECHNICAL DATA		
Property ▾	Value ▾	Test method ▾
Temperature range	From -40 °C* to +85 °C	EN 14706
Thermal conductivity λ , W/(m•K)	-20 °C = 0,036 0 °C = 0,038 +20 °C = 0,040 +40 °C = 0,042	EN 13787 EN 12667
Corrosion prevention	pH neutral (7±0,5)	EN 13468
Water permeability	WS < 0.1%	EN 13472
Permeability μ	≥ 3000	EN 12086
Fire rating	B-s2,d0	EN 13501-1
Leacheable chloride	< 500 ppm	EN 13468
Ecological data	Without halogens, PVC, CFCs, HCFCs and Formaldehyde	

* For applications below -40 °C please contact our Technical Department

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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.

Insulation HALOGEN FREE with reduced smoke emission.

DESCRIPTION

K-FLEX® SRC ECO is an insulating sheet comprising a layer of closed cell elastomeric foam and a protective jacket. The special **K-FLEX® SRC ECO** configuration offers a unique product which, in case of fire, retards the emission of smoke and fumes which are also free of hydrohalic acids and organochlorine compounds.

APPLICATIONS

K-FLEX® SRC ECO sheets are ideal for thermal and acoustic insulation of walls and technical installations where low smoke emission is required in case of fire.

CLASSIFICATION

K-FLEX® SRC ECO 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 ECO** are:

- No halogen in the composition or expansion of the elastomeric material.
- No smoke containing hydrohalic acids and organochlorine compounds in case of fire.
- Retarded ignition of the flame.
- Retarded flame propagation.
- Reduced emission of smoke.
- Low thermal conductivity.
- Higher mechanical properties with respect to an uncoated elastomeric insulation foam.
- Quick and easy installation.

RANGE ▸ EUROCLASS B-S2,D0			
	Thicknesses ▾	Height ▾	
K-FLEX® SRC - Sheets	6-9-13-19 mm	1000 mm	
K-FLEX® SRC - Adhesive sheets	6-9-13-19 mm	1000/1500 mm	
	Length ▾	Thicknesses ▾	Diameters ▾
K-FLEX® ST - Tubes	2 m	6-9-13-19-25-32-40-50-60 mm	from 6 to 210 mm
	Thicknesses ▾	Height ▾	
K-FLEX® SRC ECO - Sheets	6-9-13-19-25 mm	1000 mm	
K-FLEX® SRC ECO - Adhesive sheets	6-9-13-19-25 mm	1000 mm	