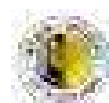


K-FLEX SRC
K-FLEX SRC ECO

B-s2,d0



K-FLEX SRC - SRC ECO

- ▶ SHEETS WITH REACTION TO FIRE CLASS 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 <



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 problems	pH neutral (7±0,5)	EN 13468
Water permeability	WS < 0.1%	EN 13472
Permeability μ	≥ 10000	EN 12086
Fire	B-s2,d0 **	EN 13501-1
Leacheable chloride	< 500 ppm	EN 13468

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

** Suitable for installation along escape routes

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

TECHNICAL DATA ▶ K-FLEX SRC ECO



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 problems	pH neutral (7±0,5)	EN 13468
Water permeability	WS < 0.1%	EN 13472
Permeability μ	≥ 3000	EN 12086
Fire	B-s2,d0 **	EN 13501-1
Leacheable chloride	< 500 ppm	EN 13468
Ecological data	Without halogens, PVC, CFCs, HCFCs and Formaldehyde	

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

** Suitable for installation along escape routes

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TECHNICAL DATA ▶ K-FLEX SRC

K-FLEX SRC

Insulation sheets suitable for installation along the escape routes thanks to the reduced emission of smoke.

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, offering a product which is also suitable to be installed along escape routes.

Applications

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

Classification

K-FLEX SRC sheet has been tested according to the current European Standard EN 13501-1 for fire resistance 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 ECO

K-FLEX SRC ECO

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 resistance 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