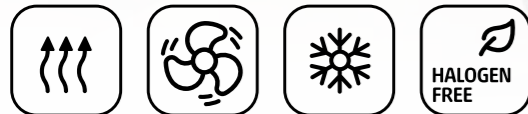


K-FLEX® SRC-SRC ECO



K-FLEX®
SRC ECO
B_L-s1,d0

Halogen
Free



K-FLEX® SRC - SRC ECO

- ▶ Products with reaction to fire euroclass B_L-s1, d0 / 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
- ▶ Internal UV-resistance



TECHNICAL DATA



| 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 12667 |
| Corrosion prevention | pH neutral (7) | EN 13468 |
| Water permeability | WS < 0.1% | EN 13472 |
| Permeability μ | ≥ 3000 | EN 12086 |
| Fire rating | Tube: B _s -s1,d0 Sheet: B-s2,d0 Tape: B-s1,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
K-FLEX® reserves the right to change data and technical requirements without notice.



| 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 12667 |
| Corrosion prevention | pH neutral (7) | 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.

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.

HALOGEN FREE Insulation with reduced smoke emission.

DESCRIPTION

K-FLEX® SRC ECO is an insulating product 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 is 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 has been tested according to the current European standard EN 13501-1, for fire classification of construction products, and is classified B_s-s1, d0/ 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.
- Higher mechanical properties with respect to an uncoated elastomeric insulation foam.
- Quick and easy installation.

| K-FLEX® SRC/SRC ECO ▸ RANGE | | | |
|-----------------------------------|--------------------|------------------|-------------------|
| | 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® SRC ECO - Tubes | 1 m | 9-13-19-25-32 mm | from 15 to 160 mm |
| | | Thicknesses | Height |
| K-FLEX® SRC ECO - Sheets | 6-9-13-19-25-32 mm | 1000 mm | |
| K-FLEX® SRC ECO - Adhesive sheets | 6-9-13-19-25-32 mm | 1000 mm | |