



MARCH 2019

# K-FLEX® SRC

**Halogen  
Free**

**K-FLEX®  
SRC ECO  
B<sub>L</sub>-s1,d0**



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B<sub>L</sub>-s1,d0**

## GENERAL INFORMATION

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<sub>L</sub>-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.

## 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 prevention	pH neutral (7±0,5)	EN 13468
Water permeability	WS < 0.1%	EN 13472
Permeability μ	≥ 3000	EN 12086
Fire rating	Tubes, Linear Tubes (up to Ø300 mm pipe) : B <sub>L</sub> -s1,d0 Sheets: 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

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

