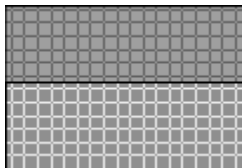


K-FLEX SRC ECO

K-FLEX SRC ECO - Technical Data Sheet

Description

Highly flexible closed cell halogen free elastomeric foam coupled with a protective smoke reduction fibreglass fabric SRC:



Aluminium 18 micron + Woven E-glass fabric 200 micron

Applications

Thermal insulation for pipes ($\varnothing > 300\text{mm}$) and ducts, applied for air conditioning, heating and plumbing, fittings, accessories.

Brand names

“K-FLEX SRC ECO” sold in standard or self-adhesive sheet, tube and tape.

Reaction to fire

K-FLEX SRC ECO Sheet Reaction to Fire	B, s ₂ , d ₀
K-FLEX SRC ECO Pipe Reaction to Fire	BL, s ₁ , d ₀
K-FLEX SRC ECO Tape Reaction to Fire	B, s ₁ , d ₀

SRC fibreglass fabric Properties

PROPERTY	VALUE	UNIT MEASURE	STANDARD
Tensile strength, Warp	3000	N/5cm	EN 13934
Tensile strength, Weft	2000	N/5cm	EN 13934

K-FLEX SRC ECO

Thickness approx	0.25	mm	ISO 4603/E
Temperature Resistance	-36 / +180	°C	-
Glass fibric integrity	Up to 600	°C	
Total Weight approx.	206	g/m ²	EN12127
Fire standard/approvals	Approved	-	IMO 61(67)

K-FLEX ECO Technical Properties

Property	Value	Notes
Maximum service temperature (EN14706):	+85°C	
Minimum service temperature	-40°C	For applications below -40°C please contact our technical department
Water vapour diffusion resistance (EN 12086)	$\mu \geq 3\ 000$	
Water absorption (EN 13472)	<0.1 %	
Leachable chlorides (EN 13468)	<500 ppm	When tested in line with DIN1988/7, leachable chlorides <0.05%
Ph (EN 13468)	Neutral (7)	
Reaction to fire (EN13501)	E	

Medium temperature [°C]	-30	-20	-10	0	10	20	30	40	50	70
Thermal conductivity [W/(m °K)]	0.035	0.036	0.037	0.038	0.039	0.040	0.041	0.042	0.043	0.044

Storage

To be stored at a temperature not below -10°C.