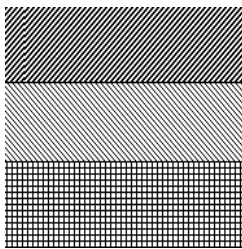


K-FLEX KRAFT

K-FLEX KRAFT - Technical Data Sheet

Description



Al 7 Micron + Reinforcing glasswool scrim + Flame retarded paper
Highly flexible closed cell elastomeric foam (FEF) K-Flex ST sheet, thickness ranging from 3 mm to 50 mm, calendered with ALU cladding, a 3 layers Aluminum-paper laminate.

Applications

Thermal insulation for ducts, applied for air conditioning, heating and plumbing.

System Reaction to Fire

System Reaction to Fire (EN13501): E

Technical Properties:

Facing Technical Properties:

PROPERTY	VALUE	UNIT MEASURE	STANDARD
Weight	102	g/m ²	ASTM 1505
Tensile strength	>75	N/5cm	ASTM D882
Elongation to break	>2	%	ASTM D882
Paper fire resistance	8.7	cm	TAPPI T461

K-FLEX KRAFT

Glasswool screem	8	Yarn/10cm	-
Aluminium pinholes	<400/m2	-	-

K-FLEX ST Elastomeric Foam Technical Properties:

PROPERTY	VALUE	NOTES
Maximum service temperature Sheets (EN14706):	+85°C	
Minimum service temperature	-40°C	
Water vapour diffusion resistance (EN 12086) Sheets thickness ≤ 25mm Sheets thickness >25mm	$\mu \geq 10\ 000$ $\mu \geq 7\ 000$	
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)	B, s ₃ , d ₀	
Dimensional tolerances	as per EN14304	

	Medium temperature [°C]	-30	-20	-10	0	10	20	30	40	50	70
Sheets thickness ≤ 25mm (EN 12667)	Thermal conductivity [W/(m °K)]	0.030	0.031	0.032	0.033	0.034	0.035	0.036	0.037	0.0385	0.042
Sheets thickness > 25mm (EN 12667)	Thermal conductivity [W/(m °K)]	0.033	0.034	0.035	0.036	0.037	0.038	0.039	0.040	0.041	0.043

Storage

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