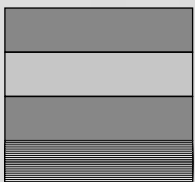


K-FLEX ST ALU



K-FLEX ▶ ST ALU

Flexible elastomeric foam (FEF) K-FLEX ST Sheet, thickness ranging from 3mm to 50mm, calendered with ALU cladding, a 4 layers Aluminium-PET laminate designed as follow:



Al 20μm

PET 23μm

Al 20μm

LDPE 30μm

APPLICATION ▶

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

TECHNICAL DATA ▶ K-FLEX ALU (Only Foil)


Mechanical properties	Value	Test method
Ultimate strength	>100 N/15mm	DIN53354
Ultimate elongation	>15 %	DIN53354
Tear strength	7 N	DIN53363
Total weight	175 g/m ²	EN22286

TECHNICAL DATA ▶ K-FLEX ST ALU SHEETS


Properties	Value		Test method
Temperature range	From -40 °C to +85 °C		EN 14706 EN 14707
Thermal conductivity λ W/(m•K)	Thicknesses \leq 25mm -20 °C = 0,031 0 °C = 0,033 +20 °C = 0,035 +40 °C = 0,037	Thicknesses $>$ 25mm -20 °C = 0,034 0 °C = 0,036 +20 °C = 0,038 +40 °C = 0,040	EN 13787 EN 12667
Corrosion problems	pH neutral (7 \pm 0,5)		EN 13468
Permeability μ	\geq 10000	\geq 7000	EN 12086
Fire	Euroclass C-s3, d0		EN 13501-1

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