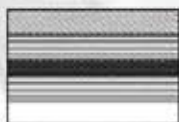


## TECHNICAL DATA SHEET ALU ST SHEET

### ALU 5-LAYERS (cover)

#### Construction:



- 9 µm alufoil
- 23 µm PET-film
- 9 µm alufoil
- 23 µm PET-film
- 9 µm alufoil

#### Technical values:

Total weight:	approx. 151 gsm EN 22 286
Tensile strength:	MD 125 N/15 mm DIN 53 354 CD 135 N/15 mm DIN 53 354
Elongation:	MD 25 % DIN 53 354 CD 35 % DIN 53 354
Tear strength:	MD 5 N DIN 53 363 CD 7 N DIN 53 363

#### Application:

Insulation.

Mat.No.:	77011108
Doc.No.:	PS006301 / 0
Edition:	September 2001
Subject to change without notice.	

### TECHNICAL DATA K-FLEX ST ELASTOMERIC FOAM

Temperature range	- 200°C max +105 °C
Thermal conductivity $\lambda$ , W/(m·K)	- 20 °C = 0,034
EN 12667 (DIN 52612) - EN ISO 8497 (DIN 52613)	0 °C = 0,036*
	+ 20 °C = 0,038
Thermal conductivity $\lambda$ , W/(m·K) L10	+ 40 °C = 0,040
EN 12667 (DIN 52612) - EN ISO 8497 (DIN 52613)	
Corrosion risk	DIN 1988/7*; pH neutral
Permeability $\mu$ EN 12086 (DIN 52615)	$\geq 10000$ *
Fire	Cl. 1(I)* B1 DIN 4102 (D)* DIN 4102 - 11 (D) M1-NF (F)* PII NIT 036 (SK)* IMO RES MSC 6(67) BS 476 Part 6 Cl.0 (UK)

\* Supervised by an Independent Institute.

\*\* Controlled permeability  $\mu \geq 7000$ , Individual certification  $\mu \geq 10000$