

Tecsound

55 AL

TECSOUND® FT 55 AL is a soundproofing complex comprising a porous felt and the **TECSOUND®** synthetic membrane, coated on the outside with a film of reinforced aluminium.

Properties

- Increases acoustic insulation of the pipe it is applied to, its effect based on an absorbent element and a highly elastic, high-density insulating membrane.
- Easy handling and application.
- High flexibility.
- Excellent ageing-resistance.
- Rot-proof.
- Hot and cold-resistant.

Applications

- Acoustic insulation of PVC pipes (i.e. housing residual water)
- Acoustic insulation of A/C ducts.
- Acoustic insulation of industrial piping.



For further information, see examples in the acoustic manual.

Technical Data

Test	Value
Density (TECSOUND)	2,0 g/cm ³
Pliability (UEAtc)	Does not break when bent at -20 °C
Tensile Strength (UNE 104-281/6.6)	> 30 N/cm ² (Tecsound)
K - Coefficient of thermal conductivity	0,037 W/m °C (felt)
Fire Classification (felt)	M1
Acoustic Properties	See system DS – Acoustic Manual



Instructions for use

Support: The support surface must be free from materials that could damage the product during and subsequent to application, such as remains of mortar, etc...

Fitting: Measure the circumference of the pipe to be insulated, adding 5 cm for the overlap. Cut the required amount of TECSOUND® FT 55 AL crossways, using scissors.

Wrap the pipe so that the textile felt is in contact with the surface as much as possible, starting from the bottom of the pipe. Fasten it with a plastic flange every 20 cm. To seal the overlaps, use aluminium adhesive tape. It is important the joints are perfectly sealed to prevent reduction of the insulation.

Presentation and storage

Type	(Kg/m ²)	Thickness (mm)	Presentation	N° rolls/ pal*
Tecsound FT 55 AL	5,5	12,6	5,5 x 1,2 m (rlx)	10 rlx, soit 66 m ²

It should be stored in a dry place, protected against the elements, and not exposed to temperatures over 35 °C.

The maximum recommended storage time is one year.

Last modification: 13/09/2011

TEXSA, S.A. reserves the right to modify the data herein without previous notice and refuses all responsibility in the event of irregularities caused by incorrect use of the product. Values reflected in the technical data sheet correspond to average values obtained from tests carried out in our laboratory

