



SOUNDPROOFING

APPLICATIONS

PIPES

TECSOUND TUBE

TECHNICAL DATA SHEET

APTDS-E-163-01

DESCRIPTION

TECSOUND® TUBE is made of a TECSOUND® membrane bonded to a high density non-woven polyester fibre.

TECSOUND® TUBE is specially designed for soundproofing of pipes in buildings. The acoustic insulation is increased due to the combined effect of the absorbing element and of the visco-elastic high density membrane.

FEATURES

- High acoustic and vibration insulation in pipes. IL 13-15 dBA
- The visco elasticity of the Tecsound® membrane provides a better acoustic insulation compared to bituminous acoustic membranes.
- Low thickness helps installation and makes it suitable for refurbishing and framing pathways.
- Does not crack or break at low temperatures.
- Flexible and adaptable to elbows and bifurcations.
- Excellent ageing resistance.
- Easy to handle and cut.
- VOC classification: A+

APPLICATION

- Soundproofing of pipes.
- Reduction of vibration and transmission levels.

INSTALLATION

SUBSTRATE:

- TECSOUND® TUBE can be used to soundproof plastic, fiber cement and metal pipes.

INSTALLATION:

- Cut the roll at the desired length according to the area to be covered using a knife or scissors. It is recommended to cut strips less than 1-1.2 m in order to make the handling easier.
- Wrap the product around the pipe so that the polyester face is in contact with the whole surface and overlap the edges lengthwise. Do not overlap crosswise and butt joint the edges tightly.
- Fasten the product with plastic cable ties every 30-40 cm.
- Seal overlaps and joints using TECSOUND® S50 Band leaving air gaps.

PRECAUTIONS

- The support must be free of sharp elements that could damage the product
- The joints must be properly sealed without any gaps, as small gaps can reduce the acoustic insulation level you want to reach.





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PROPERTIES

	TECSOUND TUBE	Test method
Density (kg/m ³)	2.010	-
Tensile strength (N/50mm)	>30	NT-67
Pliability (°C)	-20	EN 1109
Tear strength (nail) (N/50 mm)	153-235	EN 12310-1
Water vapour resistance factor	$\mu \geq 1806$	UNE-EN 1931 met B
Hardness Shore A	30 \pm 10	NT 74
VOC classification (volatile organic compound)	A+	CEN/TS 16516, ISO16000-3/-6/-9/-11
Acoustic insulation – insertion loss (IL) (dBA) (*)	1 l/s	15
	2 l/s	14
	4 l/s	13
		UNE-EN 14366

(*) Method reference CSTB n° 26065008-2

PACKAGING AND STORAGE

	TECSOUND TUBE
Weight (kg/m ²)	3.75
Thickness (mm)	4.75
Length (m)	8
Width (m)	0.4
Roll / pallet	30
ml / pallet	240
Storage	Vertical storage in pallets without stacking. Product is supplied in rolls with cardboard core inside. Store in the original packaging, in dry conditions and protected from hot temperatures and UV rays, not exposed to temperatures higher than 35°C. The maximum storage period is 1 year.



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NOTE : SOPREMA may modify the composition and/or utilization of its products without prior notice.

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