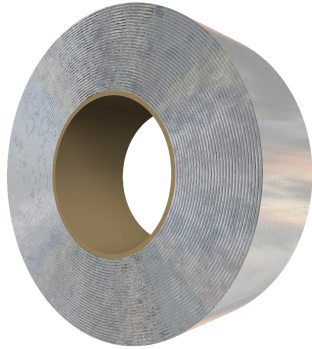




Reinforced Aluminium Foil Tape



Tape ALR is a high performance insulation reinforced aluminium foil tape, designed for use as a joining and covering tape for Pyrotek Noise Control's aluminium foil faced products like **Soundlag®**, **Sorberfoam™**, **Sorberpoly™** and **Sorberbarrier®**.

The reinforcing mesh in **Tape ALR** provides good mechanical stability during application and once in place prevents further movement. The nature of the tape is such that it provides a rare combination of high strength, flexibility and conformability.

The pressure sensitive adhesive backing on **Tape ALR** which is rubber or acrylic based, is formulated to give high initial tack and high holding power.

The backing is protected by a silicone coated, removable release paper which provides easy release properties and aids ease of application.

Application Precautions

- *Surfaces must be smooth, clean and free from grease, loose or flaking paint, dirt, and contaminants.*
- *Surfaces can be cleaned with a solvent based cleaner before applying the product*
- *Pressure should be used when applying to any surface*
- *Adhesion tests are recommended for powder coated surfaces*
- *Ageing trials should be performed on plasticised PVC*

FEATURES

- High performance synthetic pressure sensitive adhesive backing
- Polyethylene fibre mesh/film composite reinforced aluminium foil
- High initial tack and grab
- Broad operating temperature range
- High performance in heat, humidity and environmental conditions
- Resistant to dust, oils and solvents
- Reflects and insulates against heat
- Easily cut, shaped, fabricated allowing easy installation
- Puncture and tear resistant
- Tougher than similar products
- Long service life
- Dimensionally stable

APPLICATIONS

- Pipe lagging
- Machinery and equipment enclosures
- Compressor and generator set enclosures
- Car, boat, truck and bus engine compartments, firewalls and bonnets
- Air-conditioning units and systems
- Hydraulic pump enclosures

PRODUCTS SPECIFICATIONS

PRODUCT NAME	COLOUR	STANDARD WIDTH (mm)	ROLL LENGTH (m)	APPLICATION TEMPERATURE RANGE (°C)	OPERRATING TEMPERATURE RANGE (°C)
Tape ALR - VTR	Metallic Silver Facing	48, 72, 96	50	-20 to +55	-35 to +125
Tape ALR - PPC				-0 to +45	-5 to +65

Dimensional tolerance +/- 3%
Custom widths available on request

MATERIAL PROPERTIES

PRODUCT NAME	ADHESIVE TYPE	TENSILE STRENGTH	ADHESION STRENGTH (STEEL)	ELONGATION AT BREAK	FLAMMABILITY PROPERTIES (AS 1530.3 1999)
Tape ALR - VTR	Acrylic	72N/25mm	20N/25mm	21%	0,0,0, 0-1 (complies)
Tape ALR - PPC	Rubber	100N/25mm		25%	

Caveats: Specifications are subject to change without notice. The data in this document are typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic or mechanical engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek NC is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights. DISCLAIMER: This document is covered by Pyrotek standard Disclaimer, Warranty and © Copyright clauses. See www.pyroteknc.com/disclaimer.

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