

Technical Data Sheet

AS-5100 Cork Insulation Tape



Physical Properties

Principal composition:
Butyl rubber and bitumen

Appearance:
Black

Odour:
None or very slight

Heat resistance:
Good

Resistance:
Excellent resistance to water, water vapour, oxidation and weathering.

Service temperature:
-40 °C to 100 °C

Storage:
Product is very inert and can last almost indefinitely without deteriorating.

Shelf life:
12 months

Packaging:

Size	Quantity/ carton
50mm x 3mm x 9.14m	10 rolls
50mm x 3mm x 7.62m	10 rolls

***Other sizes available on request**

Tolerance:
Width: ± 2.5mm
Thickness: ±0.3mm
Length: ± 60mm

Description

ALSEAL Cork Insulation Tape is a non-hardening, non-toxic insulating material specially formulated for the refrigeration and air-conditioning industry, where the problem of "pipe sweat" is encountered due to condensation on refrigerant lines, cold pipes etc. It has good adhesion strength coupled with excellent paper release feature, and contains no asbestos.

Applications

It is used for preventing condensation on refrigerant lines and cold pipe surfaces in air-conditioning systems. Also serves as excellent insulator on hot pipes, valves, tees, fittings and gasketing materials, and as a sound-deadener.

Features

- ♦ Non-hardening and non-toxic
- ♦ Excellent insulator on hot pipes
- ♦ Sound deadener

Technical Data

Specific gravity (ASTM D792)	: 1.20 ± 0.10
Needle penetration (ASTM D5)	: 50 – 60 x 0.1 mm, 50 g/5s
Adhesion (ASTM D1344)	: >150 kPa
Elongation (ASTM D1344)	: >100 %
K value (ASTM E1520-11)	: 0.29 W/mK

Usage Instructions

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Cut convenient length from roll and remove release paper while wrapping tape spirally around pipe or fitting.
3. Tighten coil and press edges together.
4. Avoid stretching the tap.

Caution

Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

Disclaimer

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for the loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.