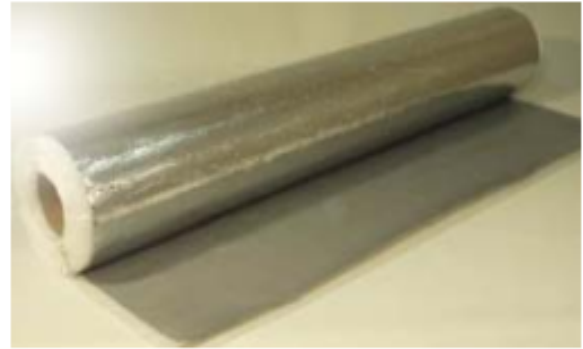


Description

GUARDIAN HVAC-SEAL, a self-adhesive butyl, is a laminated elastomeric modified butyl rubber adhesive. Easy to release foil protects the adhesive layer and provides easy application. The product has a wide range of applications as a vapor barrier, HVAC and sealing



1. Polyester / Aluminum / Polyester laminate
2. Aluminum / Polyester laminate
3. Pure Aluminum laminate

Physical Properties

Property	Value	Test Method
Color	Aluminum	
Density	1.4 ~ 1.6 g/cm ³	ASTM D 792
Tensile Strength	≥ 40 N/cm	ASTM D 1000
Elongation	≥ 30 %	ASTM D 1000
Adhesion Strength (on steel, 180° peel)	≥ 20 N/25mm	ASTM D 1000
Water Vapor Permeance	≤ 0.03 perms	ASTM E 96
Application Temperature	+5 to +35°C	
Service Temperature	-30 to +140°C	

Thickness 1.1mm, 1.2mm (Custom made)*

Width 1,000mm (Custom made)*

Length 15m (Custom made)*

Packaging

The rolls are individually packed in boxes are packed on pallets

Usage

- ◆ For vapor barrier wrapping on insulation material such as PU and Glass foam.
- ◆ For sealing internal and external joint in piping /ducting in construction and HVAC industry.

How to Use

- ◆ When apply it on surface, must be clean, dust-free and dry. Cut the foil/tape to correct size, apply and press down firmly. A roller will facilitate adhesion
- ◆ Start peeling off the protective liner and apply the product. Remove the productive liner progressively
- ◆ Roll-press firmly the product when installing. When connecting two sheets, use an overlap of at least 50mm.

Storage

- ◆ Store in a well-ventilated room and a maximum temperature of 35°C
- ◆ Store in a heated area for cold weather application

Shelf Life

- ◆ 12 months from production date, in original unopened packaging and protected from humidity

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of Guardian's materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use prior to purchase.