

RESY ALB 100

SELF ADHESIVE BUTYL RUBBER VAPOUR BARRIER MEMBRANE



Immediate tack and high adhesive performance

Product description

High tack butyl adhesive laminated with a reinforced film polyester-aluminium to assure high level of resistance and protection (puncture and tear resistance). Aluminium protected against corrosion.

Olin high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate many specific project applications.

Fields of applications

Primary vapour barrier on cold and cryogenic insulation systems.

Vapour barrier protection in petrochemical applications.

Also applied in HVAC industry.

Characteristics

Backing foil composition		PET 23 µm / AL 20 µm
Peeling force at 90°	MEL052	≥ 5 N/cm
Tensile strength	ASTM D882	≥ 95 MPa
Elongation	ASTM D882	≥ 18 %
Breaking strenght	ASTM D882	≥ 40 N/cm
Vertical flow at 5°C	ISO 7390	0 mm
Vertical flow at 23°C	ISO 7390	0 mm
Solid by volume	ASTM 2697	100 %
Water resistant		Excellent
Weather resistant		Excellent
Application temperature		+ 5°C ≤ T ≤ +30°C
Service temperature		- 30°C ≤ T ≤ +80°C

Made on a European production site ISO 9001 TÜV PROFICERT

Standard packaging

Color of the foil	Aluminium
Color of butyl	Grey
Total thickness	1 mm



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25 avenue de l'industrie
69964 CORBAS (France)
Tél: +33 (0) 4 72 23 18 00

www.olin.fr



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Surface preparation

The surfaces must be clean, dry and free of dust.

For an application between 0°C and 5°C, check beforehand the absence of frost or condensation on the surface. As with all self adhesive tape products, it's important that no condensation is present at the surface at which the product is applied. Surface moisture must be removed by wiping with a dry cloth prior to application.

When replacing a bituminous tape, clean the supports of all bitumen traces and degrease with a solvent. As butyl adhesives are sensitive to solvent, wait the total drying of the primer before to applied the product.

In case of friable, porous or fragile supports, it's advisable to stabilize them with P100 Primer.

Users must check the compatibility with the substrate in terms of adhesion, chemical compatibility and staining.

Application

Cut sections as required.

Remove the silicone release film that covers the adhesive face.

Apply around pipe circumference.

Overlap all seams, 50 mm recommended (circumferential and longitudinal).

Respect rain shed for overlaps.

Apply with sufficient tension to conform smoothly. Use hand pressure or roller to smooth the product and ensure adhesion at each overlap.

Safety

Avoid contact with skin

Keep out of reach of children

Consult the Safety Data Sheet of the product (www.olin.fr)

Shelf life - Storage

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

Store in a well ventilated room and at a maximum temperature of 30°C.

Storage above 30°C may lead to difficulties to remove the liner when installing.