Relink 2318B

Double-sided, differentially coated aircraft carpet tape

Article no.: **3755**
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PRODUCT DESCRIPTION

Relink 2318B is a double-sided, differentially coated adhesive tape. The adhesive on the permanent (closed) side is a modified acrylic, designed to provide a good balance of adhesion and cohesion. Due to its high deposition, relink 2318 B has a very good adhesion to all carpet backings.

The removable adhesive provides good levels of tack and shear, providing good initial reposition ability, preventing edge lift, seam slip and providing clean peel removability, even after extended time of use. Residue-free removal in one piece shortens maintenance times and eliminates the need for scraping and solvent clean up.

Features / Benefits

- Excellent and secure adhesion to both carpet and composite floor
- Residue-free removability from floor panel and LBF
- Excellent resistance to aging, weathering, elevated temperature and humidity

APPLICATIONS



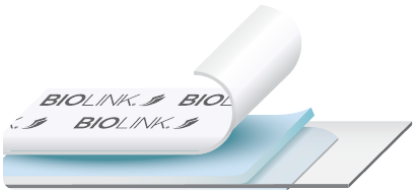
- Carpet tape for the aircraft industry

Qualifications

This product has been qualified according to AIMS 10-05-014 and IPS 10-05-014-01 and can therefore be procured according to ABS 5648B. The product is according to FAR/JAR/CS 25.853(a) app.F part 1, (a) (1) ii tested and approved.

TAPE CONSTRUCTION

The construction shown corresponds to Relink 2318 version B. The tape is first applied to the floor panel and subsequently bonded to the carpet. For production of psa backed carpet sets, the product is available in version A (permanent adhesive is on the open side).



Total thickness: 0,213 mm

	Material	Color	Thickness
Liner	Polypropylene film	White, printed	0,080 mm
Adhesive, closed side	Modified acrylic	Transparent	0,150 mm
Carrier	Polyester film	Transparent	0,023 mm
Adhesive, open side	Removable acrylic	Transparent	0,040 mm
Liner	–	–	–

STANDARD ROLL SIZE

- 25mm width, 50 linear meter
- 50mm width, 25 linear meter or 50 linear meter
- 100mm width, 25 linear meter or 50 linear meter

Other roll dimensions are available on request, but not ABS 5648B specified.

TECHNICAL DATA

All tests were performed under standard test conditions. The values given here are typical values and should not be used for specification purposes.

Characteristics	Test method	In accordance to	Value
180° peel adhesion on steel at 20°C		AFERA 5001	Removable side: 13 N/25mm Permanent side: 40 N/25mm
Operating temperature range	–	–	-40°C to +70°C
Short-term temperature application range	–	–	Up to +120°C

IMPORTANT INSTRUCTIONS

- It is not possible to foresee or monitor every application of these products. Testing under the respective application conditions before commercial use is therefore strongly recommended.
- The surfaces to be bonded to must be clean, dry and free of oil, grease, dust and dirt. We recommend cleaning with isopropyl alcohol.
- Apply adhesive tape with uniform pressure of 100-150 kPa to ensure good contact between the tape and the material to be bonded. The application temperature should be between 15°C and 40°C. It is not recommended to use below 15°C as the adhesive is too strong at low temperatures and may not bond optimally.
- Adhesive strength builds up slowly after application, and final adhesion is typically achieved after 72 hours. Adhesive build up can be accelerated by heating to above 40°C.
- Shelf life: Up to 24 months after purchase when stored in the original packaging under temperatures up to 21°C and 50% relative humidity. Avoid direct sunlight and large temperature fluctuations.
- The values listed in the data sheet are average values. The values are not binding, do not constitute a guarantee and are therefore not intended for technical specifications.
- Unless specifically negotiated, we reserve the right to use raw material from more than one source whilst maintaining a commercial match within the terms of this data sheet.

IMPORTANT: The user must determine the suitability and safety of these products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. No responsibility is assumed for any product failures that occur due to misuse of the materials provided arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: No warranty is given beyond freedom from defects in manufacturing for a period of 24 months. The only obligation under any applicable product warranty will be to replace any portion proving defective, or to refund the purchase price thereof. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.