

Eurobands® ALUMINUM ADHESIVE TAPES

In the Eurobands® portfolio of adhesive tapes these are the ALUMINUM and METALIZED FILM tapes.

These tapes have either an aluminum carrier or are metalized films. They are coated on one side either with a solvent or dispersion acrylic adhesive. The adhesive surface is generally covered with a paper release liner. Three products have no liner. The range features different thicknesses and performance specifications.

These tapes are highly resistant to ageing and used mainly for their excellent performance in demanding temperature conditions, their sealing capabilities, their good gas, steam and UV barrier properties, and their resistance to chemicals. The majority are also certified M1 non-flammable. They can be used in a wide range of applications.

MAIN CHARACTERISTICS OF THE CARRIERS

- ▶ **Alu foil**
These foils display excellent barrier properties, great conformability and temperature resistance.
- ▶ **Metalized film**
These films have good barrier properties and are highly tear and perforation resistant.

MAIN CHARACTERISTICS OF THE ADHESIVES

- ▶ **Solvent acrylic**
Suitable for inside or outside applications and in high temperature conditions.
- ▶ **Dispersion acrylic**
Suitable for inside or outside applications. Lower resistance to temperature and humidity than our products with solvent acrylic adhesive.

MAIN APPLICATIONS

- ▶ Joining insulating panels in buildings
- ▶ Connecting aluminum ducting in HVAC installation
- ▶ Protection for masked areas during electroplating or while stripping paint
- ▶ Masking parts during sandblasting and powder coating
- ▶ Applications that require heat reflection or a barrier against humidity
- ▶ Splicing and repairing aluminum sheeting
- ▶ Fixing refrigeration coils

FORMATS

All our products can be supplied in rolls, sheets or as custom pre-cut shapes. Contact us for details.




Eurobands®
ALUMINUM
ADHESIVE TAPES

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MATERIALS
CONVERTING
SERVICE

ADDEV MATERIALS
ADHESIVES & TAPES

REFERENCE	CARRIER	ADHESIVE	LINER	TOTAL THICKNESS ⁽¹⁾ (mm)	TACK ⁽²⁾ (mm)	ADHESION ⁽³⁾ (N/10 mm)	TENSILE STRENGTH ⁽⁴⁾ (N/10 mm)	ELONGATION ⁽⁴⁾ (%)	TEMPERATURE RESISTANCE (°C)	DESCRIPTION	PRIME APPLICATIONS	
04504S	Alu foil 0,030 mm	Solvent acrylic	Paper	0,060	200	6,1	17	2,3	-20 +120	ECONOMY GRADE-MINIMUM THICKNESS-PAPER LINER ▶ Conforms over irregular surfaces and assures a firm and long lasting bond. ▶ Excellent resistance to ageing and UV. ▶ Hand tearable. ▶ Certified M1.	<ul style="list-style-type: none"> ▶ Joining insulation panels in the building industry. ▶ Joining aluminum pipes in the air conditioning and ventilation sector. 	
04512S	Alu foil 0,040 mm	Solvent acrylic	Paper	0,070	200	7,4	29	2,4	-20 +120	ECONOMY GRADE-MEDIUM THICKNESS-PAPER LINER ▶ Conforms over irregular surfaces and assures a firm and long lasting bond. ▶ Excellent resistance to ageing and UV. ▶ Hand tearable. ▶ Certified M1.		
04506S	Alu foil 0,050 mm	Solvent acrylic	Paper	0,080	200	7,7	43	3,1	-20 +120	ECONOMY GRADE-HIGH THICKNESS-PAPER LINER ▶ Strong tape assuring a firm and long lasting bond. ▶ Excellent resistance to ageing and UV. ▶ Hand tearable. ▶ Certified M1.		
04516S	Alu foil 0,030 mm	Solvent acrylic	Paper	0,070	50	7,2	21	1,6	-35 +120	PREMIUM GRADE-MINIMUM THICKNESS-PAPER LINER ▶ Conforms over irregular surfaces and assures a firm and long lasting bond. ▶ Excellent performance at low temperatures. Excellent resistance to ageing and UV. ▶ Hand tearable. ▶ Certified M1.		
04517S	Alu foil 0,040 mm	Solvent acrylic	Paper	0,080	50	7,7	37	2,2	-35 +120	PREMIUM GRADE-MEDIUM THICKNESS-PAPER LINER ▶ Conforms over irregular surfaces and assures a firm and long lasting bond. ▶ Excellent performance at low temperatures. Excellent resistance to ageing and UV. ▶ Hand tearable. ▶ Certified M1.		
04518S	Alu foil 0,050 mm	Solvent acrylic	Paper	0,090	50	7,8	49	5,6	-35 +120	PREMIUM GRADE-HIGH THICKNESS-PAPER LINER ▶ Strong tape assuring a firm and long lasting bond. ▶ Excellent performance at low temperatures. Excellent resistance to ageing and UV. ▶ Hand tearable. ▶ Certified M1.		
04520S	Alu foil 0,075 mm	Solvent acrylic	Paper	0,125	25	10,2	68	6,3	-35 +120	PREMIUM GRADE-VERY HIGH THICKNESS-PAPER LINER ▶ Assures a firm and long lasting bond. ▶ High coating weight and high adhesion. ▶ Excellent performance at low temperatures. Excellent resistance to ageing and UV. ▶ Hand tearable. ▶ Certified M1.		<ul style="list-style-type: none"> ▶ Moisture and vapor barrier for duct systems. ▶ Air leakage protection.
04520S-L	Alu foil 0,075 mm	Solvent acrylic	Without	0,125	25	10,2	68	6,3	-35 +120	PREMIUM GRADE-VERY HIGH THICKNESS-LINERLESS ▶ Strong tape assuring a firm and long lasting bond. ▶ High coating weight and high adhesion. ▶ Excellent performance at low temperatures. Excellent resistance to ageing and UV. ▶ Hand tearable. ▶ Certified M1.		
04580	Alu foil 0,046 mm	Solvent acrylic	Paper	0,100	36	7,2	36	4,2	-20 +155 1h : 200 °C	VERY HIGH TEMPERATURE RESISTANCE-PAPER LINER ▶ Strong tape assuring a firm and long lasting bond. ▶ High coating weight. ▶ Very high temperature resistance. Excellent resistance to ageing and UV. ▶ Hand tearable.		<ul style="list-style-type: none"> ▶ High temperature insulation and heat deflection.
04182S	Alu foil reinforced scrim 0,050 mm	Solvent acrylic	Paper	0,090	30	4,2	55	5,4	-35 +120	ALUMINIUM REINFORCED WITH 2 WAY SCRIM-PAPER LINER ▶ Excellent performance at low temperatures. Excellent resistance to ageing and UV. ▶ High resistance to break. ▶ Certified M1.		<ul style="list-style-type: none"> ▶ Used as a closure system for fiberglass and mineral wool insulation systems that are faced with foil. ▶ The scrim bends with the primary facing and gives a strong and finished look.
04185S	Alu foil reinforced scrim / kraft paper 0,110 mm	Solvent acrylic	Paper	0,155	38	6,8	59	2,4	-20 +80	ALUMINIUM REINFORCED WITH 3 WAY SCRIM AND KRAFT-PAPER LINER ▶ Excellent resistance to ageing and UV. ▶ High resistance to break. ▶ Certified M1.		
04188S	Alu foil reinforced scrim / kraft paper 0,120 mm	Solvent acrylic	Paper	0,160	90	4,2	60	2,1	-35 +80	ALUMINIUM REINFORCED WITH 2 WAY SCRIM AND KRAFT-PAPER LINER ▶ Excellent performance at low temperatures. Excellent resistance to ageing and UV. ▶ High resistance to break. ▶ Certified M1.		
04171	Metalized PE 0,120 mm	Dispersion acrylic	Without	0,150	33	7	31	732	0 +60	METALIZED PE-LINERLESS ▶ Very conformable. ▶ Easy to tear. ▶ Very good abrasion resistance. ▶ Easy to apply.	<ul style="list-style-type: none"> ▶ Bonding on aluminum, steel, galvanised thin and plastics. 	
04173	Metalized PET 0,023 mm	Solvent acrylic	Without	0,045	58	2,8	43	106	-15 +130	METALIZED PET-LINERLESS ▶ Excellent resistance to ageing. ▶ Good shear and high tensile strength. ▶ Easy to apply.	<ul style="list-style-type: none"> ▶ High temperature splicing including infrared radiation. ▶ Web defects reflective tape for sensors. 	



- (1) Total tape thickness without release liner
- (2) Rolling ball tack test according to PSTC 6
- (3) 180° peel adhesion force test on BA - steel, 24h, according to AFERA 5001
- (4) Tensile strength and elongation test according to AFERA 5004

The above data are nominal values based on PSTC, AFERA and other standard tests. The data should not be considered as specifications. It is important that the user conducts his own tests in order to determine if the tape is suitability for the intended application. Published information concerning our products is based upon research which the company believes to be reliable although such information does not constitute a warranty. The information in this document is subject to change without notice.