

TECHNICAL DATASHEET: 13010 Acrylic Double Coated Tape With Film Carrier

PRODUCT DESCRIPTION

The film carrier has good mechanical characteristics and therefore separates the differential glue systems well. The exposed side adhesive is a modified acrylic dispersion glue system with high initial tack and good performance during the application. For the covered side, an acrylic dispersion with low tack, almost removable is used.

TYPICAL APPLICATIONS

- Used for a wide variety of applications, especially for removable bonds
- This tape may be used as a mounting aid for industrial applications, for renovation projects, during events and for trade shows
- Commonly used carpet base can be applied to most flooring surfaces, good removability is insured
- This product is not approved for applications on premium stone and premium hard wood surfaces, as visible alterations to surface finish may occur

PRODUCT FEATURES & BENEFITS

- Easy removability, low peel strength
- No adhesive residue
- High shear strength
- Easily repositioned

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
TOTAL THICKNESS WITHOUT LINER	0.11 – 0.13 mm	
ADHESIVE TYPE, COVERED SIDE	Acrylic Dispersion	
ADHESIVE TYPE, EXPOSED SIDE	Acrylic Dispersion	
ADHESIVE SYSTEM	Removable Adhesive	
ADHESIVE SIDE	Double Sided Adhesive	
ADHESIVE BACKING/CARRIER	Transparent PET Film	
COLOR	Clear	
LINER	Yellow silicone-coated paper	
PEEL ADHESION TO ALUMINUM @ 73°F, EXPOSED SIDE, TEST AFTER 1 MINUTE	17 N/25 mm	
PEEL ADHESION TO ALUMINUM @ 73°F, LINER SIDE, TEST AFTER 1 MINUTE	1.7 N/25 mm	
PEEL ADHESION TO GLASS @ 73°F, EXPOSED SIDE, TEST AFTER 1 MINUTE	16 N/25 mm	
PEEL ADHESION TO GLASS @ 73°F, EXPOSED SIDE, TEST AFTER 10 MINUTES	17 N/25 mm	
PEEL ADHESION TO GLASS @ 73°F, EXPOSED SIDE, TEST AFTER 24 HOURS	18 N/25 mm	
PEEL ADHESION TO GLASS @ 73°F, LINER SIDE, TEST AFTER 1 MINUTE	0.2 N/25 mm	
PEEL ADHESION TO GLASS @ 73°F, LINER SIDE, TEST AFTER 10 MINUTES	0.2 N/25 mm	
PEEL ADHESION TO GLASS @ 73°F, LINER SIDE, TEST AFTER 24 HOURS	0.2 N/25 mm	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**

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TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
PEEL ADHESION TO PP @ 73°F, EXPOSED SIDE, TEST AFTER 1 MINUTE	16 N/25 mm	
PEEL ADHESION TO PP @ 73°F, LINER SIDE, TEST AFTER 1 MINUTE	0.2 N/25 mm	
PEEL ADHESION TO STEEL @ 73°F, EXPOSED SIDE, TEST AFTER 24 HOURS	21 N/25 mm	
PEEL ADHESION TO STEEL @ 73°F, EXPOSED SIDE, TEST AFTER 1 MINUTE	19 N/25 mm	
PEEL ADHESION TO STEEL @ 73°F, EXPOSED SIDE, TEST AFTER 10 MINUTES	20 N/25 mm	
PEEL ADHESION TO STEEL @ 73°F, LINER SIDE, TEST AFTER 1 MINUTE	0.5 N/25 mm	
PEEL ADHESION TO STEEL @ 73°F, LINER SIDE, TEST AFTER 10 MINUTES	0.5 N/25 mm	
PEEL ADHESION TO STEEL @ 73°F, LINER SIDE, TEST AFTER 24 HOURS	0.5 N/25 mm	
SHEAR ADHESION FAILURE TEMPERATURE, TEST AFTER 1 HOUR, 1.8°F/MINIMUM TEMPERATURE INCREASE	194°F	
STATIC SHEAR @ 73°F, TEST AFTER 1 HOUR	1,000 g/2 mm	
RECOMMENDED PROCESSING TEMPERATURE	50°F to 86°F	
TEMPERATURE RESISTANCE	-22°F to 212°F	
AGING RESISTANCE	High	
CONDENSATION WATER RESISTANCE	High	
PLASTICIZER RESISTANCE	High	

- NOTE:**
- Peel adhesion test performed with a 23µm PET carrier, 180° peel angle, 300 mm/min peel speed and 25 mm tape width.
 - Shear adhesion test performed with a 23µm PET carrier and 625 mm² shear area.
 - SAFT test performed with a 23µm PET carrier, 40 g/m² adhesive coating weight and 625 mm² shear area.

SHELF LIFE/STORAGE	
SHELF LIFE	12 months from date of shipment
RECOMMENDED STORAGE CONDITIONS	40-60% humidity, 60°F-80°F

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