

TECHNICAL DATASHEET: 10005 Acrylic Transfer Tape Without Carrier

PRODUCT DESCRIPTION

The adhesive system consists of a high performance, solvent-free acrylic dispersion, which is ageing resistant and has well balanced properties regarding adhesive strength and shear adhesion.

TYPICAL APPLICATIONS

- Laminating and bonding of metal, wood, foams, plastics, paper or cardboard
- Bonding on polar surfaces
- Bonding of smooth and slightly textured surfaces

PRODUCT FEATURES & BENEFITS

- Solvent-free acrylic dispersion
- Balanced initial tack
- Aging and plasticizer resistant
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TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
TOTAL THICKNESS WITHOUT LINER	0.04 – 0.06 mm	
ADHESIVE TYPE	Acrylic Dispersion	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE SIDE	Single Sided Adhesive	
COLOR	Clear	
LINER	Yellow silicone-coated paper	
PEEL ADHESION TO ALUMINUM, POWDER-COATED @ 73°F, TEST AFTER 1 MINUTE	16 N/25mm	
PEEL ADHESION TO GLASS @ 73°F, TEST AFTER 1 MINUTE	18 N/25mm	
PEEL ADHESION TO GLASS @ 73°F, TEST AFTER 10 MINUTES	19 N/25mm	
PEEL ADHESION TO GLASS @ 73°F, TEST AFTER 24 HOURS	20 N/25mm	
PEEL ADHESION TO PP @ 73°F, TEST AFTER 1 MINUTE	4 N/25mm	
PEEL ADHESION TO STEEL @ 73°F, TEST AFTER 1 MINUTE	18 N/25mm	
PEEL ADHESION TO STEEL @ 73°F, TEST AFTER 10 MINUTES	21 N/25mm	
PEEL ADHESION TO STEEL @ 73°F, TEST AFTER 24 HOURS	22 N/25mm	
SHEAR ADHESION FAILURE TEMPERATURE, TEST AFTER 1 HOUR, 1.8°F/MINIMUM TEMPERATURE INCREASE	248°F	
STATIC SHEAR @ 73°F, TEST AFTER 1 HOUR	500 g/2 mm	
RECOMMENDED PROCESSING TEMPERATURE	50°F to 86°F	
TEMPERATURE RESISTANCE	-22°F to 248°F	
AGING RESISTANCE	High	
CONDENSATION WATER RESISTANCE	Limited	
PLASTICIZER RESISTANCE	Limited	
TACK	High	

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