

TECHNICAL DATASHEET: Acrylic Netbond 10

PRODUCT DESCRIPTION

Scrim reinforced acrylic adhesive.

TYPICAL APPLICATIONS

- Bonding of smooth and slightly textured surfaces

PRODUCT FEATURES & BENEFITS

- Solvent-free acrylic dispersion
- Balanced initial tack
- Aging and plasticizer resistant

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	
ADHESIVE BACKING/CARRIER	Polyester Scrim	
COLOR	Clear	
LINER	Yellow silicone-coated paper	
PEEL ADHESION TO ALUMINUM, POWDER-COATED @ 73°F, TEST AFTER 1 MINUTE	14 N/25mm	
PEEL ADHESION TO GLASS @ 73°F, TEST AFTER 1 MINUTE	15 N/25mm	
PEEL ADHESION TO GLASS @ 73°F, TEST AFTER 10 MINUTES	15 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	14 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	20 N/25mm	
PEEL ADHESION TO STEEL @ 73°F, TEST AFTER 24 HOURS	24 N/25mm	
SHEAR ADHESION FAILURE TEMPERATURE, TEST AFTER 1 HOUR, 1.8°F/MINIMUM TEMPERATURE INCREASE	270°F	
STATIC SHEAR @ 73°F, TEST AFTER 1 HOUR	1,000 g/5 mm	
RECOMMENDED PROCESSING TEMPERATURE	50°F to 86°F	
TEMPERATURE RESISTANCE	-22°F to 248°F	
AGING RESISTANCE	High	
CONDENSATION WATER RESISTANCE	High	
PLASTICIZER RESISTANCE	High	
TACK	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.

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**