

TECHNICAL DATASHEET: 11710 Acrylic Adhesive

PRODUCT DESCRIPTION

Scrim reinforced acrylic adhesive.

TYPICAL APPLICATIONS

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

PRODUCT FEATURES & BENEFITS

- Solvent-free acrylic dispersion

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
TOTAL THICKNESS WITHOUT LINER	0.09-0.11 mm	
ADHESIVE TYPE	Acrylic Dispersion	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE SIDE	Single Sided Adhesive	
ADHESIVE BACKING/CARRIER	Polyester Scrim	
COLOR	Clear	
LINER	Film, white	
PEEL ADHESION TO GLASS @ 73°F, TEST AFTER 1 MINUTE	14 N/25mm	
PEEL ADHESION TO GLASS @ 73°F, TEST AFTER 10 MINUTES	17 N/25mm	
PEEL ADHESION TO GLASS @ 73°F, TEST AFTER 24 HOURS	17 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	18 N/25mm	
PEEL ADHESION TO STEEL @ 73°F, TEST AFTER 24 HOURS	18 N/25mm	
SHEAR ADHESION FAILURE TEMPERATURE, TEST AFTER 1 HOUR, 1.8°F/MINIMUM TEMPERATURE INCREASE	176°F	
STATIC SHEAR @ 73°F, TEST AFTER 1 HOUR	500 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	
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. H-O will provide samples for this purpose at no charge. **REV. 0**