



Cactus® Unsupported Transfer Tape

Technical Data Sheet No. W2090

Product Information

Cactus® Unsupported Transfer Tape W2090 is a white acrylic solvent based adhesive made with moisture-stable PE coated Kraft paper liner. It offers exceptional adhesive performance and excellent resistance to high temperatures, chemicals and water. An adhesive layer is directly coated onto the release liner, providing excellent laminating results.

Composition & Physical Properties

Adhesive System : Solvent Acrylic	Tape Thickness : 1.6 mil (0.04 ± 0.005 mm)
Liner Thickness : 6 mil	Tack : J. Dow No. 7
Liner Material : Polycoated Kraft Paper	Peel Adhesion PSTC-3 : 52.9 oz/in (1.5kg / 25mm)
Liner Density : #80 (130 g/m ²)	Shear Strength PSTC-7 : Over 48 hrs with 35.3oz loading on 1" x 1" (1.0kg / 25mm x 25mm) bonding 2 stainless steel plates at 77°F (25°C)
Liner Color : White	Heat Resistance : Over 10 hrs with 17.6 oz loading on 25mm x 25mm at 176°F (80°C)
Tape Color : Clear	Service Temperature : -40°F ~ 212°F (-40°C ~ 100°C)

Applications

- For long term bonding for flame retardant applications
- Suitable for applications on relatively smooth surfaces
- Main applications :
 - a) Lamination to back of overlay materials in the automotive, electronics, and membrane switch markets
 - b) Mounting on nameplates, decorative trims, wood veneers and plastics in appliance furniture, automotive, etc
 - c) Foam lamination

Storage and Shelf Life

For best results, store this product at 72°F (22°C) and 50% relative humidity, use within 2 years from date of receipt.

Disclaimer and Limitation of Liability

In no event shall V. Himark USA and its employees be liable for any direct or indirect, special, incidental or consequential damage resulting from the use of this product. Therefore, it is strongly recommended that the user performs a test application first to determine the suitability of this product for the intended method of application.