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Cactus® Double Coated Film Tape

Technical Data Sheet No.Y291F

Product Information

Cactus® Double Coated Film Tape Y291F offers a moderate initial tack and peel adhesion, made up of 2 types of adhesive systems: a permanent solvent acrylic adhesive on the open side and a repositionable solvent acrylic adhesive on the closed side.

Composition & Physical Properties

Adhesive System	: Solvent Acrylic	Tape Thickness	: 4.7 mil (0.12 ± 0.01 mm)	
Carrier	: 1 mil PET	Loop Tack FINAT-9	Open Side : 56.32 oz/in (1.6 kg/25mm)	Closed Side : 17.6 oz/in (0.5 kg/25mm)
		Peel Adhesion PSTC-101	: 70.4 oz/in (2.0 kg/25mm)	21.1 ±7.04 oz/in (0.6 kg ±0.2kg/25mm)
Liner Thickness	: 4.7 mil	Shear Strength PSTC-107	: Over 24 hrs with 35.3 oz loading on 1" x 1" (1.0kg/25mm x 25mm)	
Liner Density/Material	: # 76 (120 g/m ²) PE Coated Bleached Kraft Paper	Heat Resistance	: Over 24 hrs with 17.6 oz loading on 1" x 1" (0.5 kg/25mm x 25mm) bonding 2 stainless steel plates at 176°F (80°C)	
Liner Color	: White	Service Temperature	: -22°F ~ 212°F (-30°C ~ 100°C)	
Tape Color	: Clear			

Applications

- Permanent adhesive: Specifically formulated to bond with low energy surface materials, like PE & PP, providing moderate adhesion to most substrates.
- Repositionable adhesive: Designed to provide medium tack with repositionability on various substrates.
- Major applications :
Ideal for various temporary bonding applications that require higher adhesions, including mounting of promotional items, temporary hold for protective packaging materials and bonding polishing pads and sanding discs etc.
- **Note:** The clean removability of the tape depends on the substrates being bonded and the environmental conditions of the application. Since acrylic adhesives may take up 72 hours to reach full bond strength, the user should perform specific tests for the suitable duration to determine the product's suitability for the particular application

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.