



**Cactus® Double-Coated Plate Mounting Tapes** **Technical Data Sheet No.TK420**

**Product Information**

Cactus® Double Coated Plate Mounting Tape TK420 is made of compressible close-linked high resilient /medium density PE Foam with film reinforcement and acrylic solvent based pressure sensitive adhesive .This model offers high performance adhesion specifically designed to firmly fix and reposition printing plates. Good resistance to heat, ink and chemical solvents, and leaves no residue after use.

**Composition & Physical Properties**

Adhesive System	: Acrylic Solvent	Tape Thickness	: 20 mil (0.52 ± 0.02 mm)	
Liner Material	: PE Laminated Kraft Paper	Tack J. Dow No.	: <u>Open Side</u> 25	<u>Close Side</u> 27
Carrier Material	: Compressible Foam w/ Film Reinforcement	Peel Adhesion PSTC-3	: 28.2 oz/inch (0.8kg / 25mm)	21.1 oz/inch (0.6kg / 25mm)
Liner Thickness	: 5.5 mil	Shear Strength PSTC-7	: Over 24hrs with 35.3 oz loading on 1" x 1" (1.0kg / 25mm x 25mm) bonding 2 stainless steel plates at 77°F (25°C)	
Liner Density	: #80 (120 g/m <sup>2</sup> )	Service Temperature	: -22°F ~ 194°F (-30°C ~ 90°C)	
Liner Color	: Beige	Tape Color	: Off-White	

**Applications**

- Specifically designed for Flexographic printing plate mounting - for high quality combination and process printing jobs
- With higher tenacity and Higher deflection for a better dot gain result. Good for printing on film.
- Very thin film lamination on closed side for easy repositioning and removal after use

Note : For plate mounting, apply open side of tape to printing cylinder or sleeves first, and then close side to plate. For removal, take edge of tape with both hands and peel up slowly at a 30° angle

**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.