



Cactus® Double Coated Film Tape

Technical Data Sheet No. L2980

Product Information

Cactus® Double Coated Film Tape L2980 is an ultra-thin acrylic solvent-based pressure sensitive adhesive which offers high adhesion level and good shear resistance. Ideal for kiss and die cutting processes and for laminating and fastening applications of electronic devices. Made with exceptionally thin PET film tape and a high grab tack system that provides reliable bond strength with a quick fastening result.

Composition & Physical Properties

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|-----------------|------------------------------|--------------------------|---|
| Adhesive System | : Solvent Acrylic | Tape Thickness | : 1.8 mil (0.45 ± 0.005 mm) |
| Carrier | : 1/2 mil PET Film | Tack | : J. Dow No. 7 |
| Liner Thickness | : 3.0 mil | Loop Tack | : FINAT-9 52.9 oz/inch (1.5 kgs/25mm) |
| Liner Material | : Glassine Paper | Peel Adhesion PSTC-3 | : <u>20 mins later</u> <u>72 hrs later</u> C/S : 42.3 oz/inch 49.4 oz/inch (1.2 kg/25 mm) (1.4 kg/25mm) O/S : 45.9 oz/inch 56.4 oz/inch (1.3 kg/25mm) (1.6 kg/25mm) |
| Liner Density | : #60 (90 g/m ²) | Shear Strength PSTC-7 | : Over 24 hrs with 35.3 oz loading on 1" x 1" (1.0 kg / 25mm x 25mm) bonding 2 stainless steel plates at 77°F (25°C) |
| Liner Color | : Mustard | 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) |
| Tape Color | : Clear | Service Temperature | : -22°F ~ 248°F (-30°C ~ 120°C) |

Applications

- Exceptionally thin film tape for bonding signs and panels made of metal or plastic.
- Fixing and splicing of various substrates for convenient kiss and die cutting processes.
- For laminating and fastening applications of electronic devices.

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.