

Technical Data Sheet

Polyester Overlam Film

This specification is intended to outline the physical and chemical properties of *PANDUIT*'s pressure sensitive polyester material and include the following part numbers and printable material identifiers:

Part Number Prefixes		
TTP*-LAM		

Printable Material Suffixes		
T225X000YK1		
T425X000YK1		

PRODUCT SPECIFICATIONS:

Description:	Material is RoHS compliant (European Union directive 2002/95/EC). Material is a 2 mil polyester film with a pressure sensitive adhesive.
Adhesive:	Acrylic based, pressure sensitive permanent adhesive.
Standard Colors:	Clear
Thickness:	3.0 +/- 0.3 mils (substrate and adhesive)
Service Temperature Range:	-51°F to 275°F (-46°C to 135°C)
Minimum Application Temperature:	35°F (2°C)
Storage Conditions:	Store at 70°F (21°C) and 50% Relative Humidity.

PROPERTIES:

Peel Adhesion to Stainless Steel:
Shear Adhesion:
UV Resistance:
Elevated Temperature Exposure:

PERFORMANCE:

40 oz/in. width minimum (PSTC-101, 15 min. dwell)
24 hours minimum (PSTC-107, Procedure A)
*3000 hours, no change observed (ASTM G154)
After 8 hours at 275°F (135°C) there was no deterioration of the substrate

*3000 hours equates to 5 years of assimilated UV exposure.

Reference:

PSTC: Pressure Sensitive Tape Council (U.S.A.)
ASTM: American Society for Testing and Materials (U.S.A.)

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