

Technical Data Sheet

Thermal Transfer Printable Paper Stock

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

Part Number Prefixes		
TTC*P		

Printable Material Suffixes		
PBT		

PRODUCT SPECIFICATIONS:

Description:	Material is RoHS compliant (European Union directive 2002/95/EC). Material is a top coated paper stock with a pressure sensitive adhesive.
Print Methods:	This material is recommended for thermal transfer printing.
Adhesive:	Rubber based, pressure sensitive permanent adhesive.
Standard Colors:	White
Thickness:	3.5 +/- 0.3 mils (substrate and adhesive)
Service Temperature Range:	-65°F to 160°F (-54°C to 71°C)
Minimum Application Temperature:	40°F (4.4°C)
Storage Conditions:	Store at 70°F (21°C) and 50% Relative Humidity.

PROPERTIES:**PERFORMANCE:**

Peel Adhesion to Stainless Steel:	Tear (PSTC-101, 15 min. dwell)
Tear Resistance:	MD: 39 g/in width TD: 41 g/in width
Tensile Strength:	MD 28 +/- 4.5 lbs./inch width (PSTC-131) TD 19 +/- 2.9 lbs./inch width (PSTC-131)
UV Resistance:	*3000 hours, slight discoloration observed (ASTM G154)
Elevated Temperature Exposure:	After 8 hours at 150°F (65.5°C) there was no deterioration of the substrate

Reference:

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

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

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APPROVALS

UL Recognized: UL969

File Numbers: MH 14576, MH 14979

LIMITED WARRANTY

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