



Technical Data Sheet

TT760

THERMAL TRANSFER GLOSSY WHITE POLYESTER FILM

GENERAL DESCRIPTION:	TT760 is a topcoated glossy white polyester film. It is coated with an aggressive heavy coat weight permanent acrylic adhesive and backed with a 50# Kraft release liner.		
USES:	Ideal for marking electronic components and the topside of through-hole printed circuit boards. TT760 is UL/CSA recognized. Other applications include rating plates, nameplates, and industrial bar code applications requiring durability. This high-performance material is designed for applications requiring excellent solvent, scratch resistance and adhesive to difficult to adhere to surfaces.		
FEATURES:	Indoor/outdoor, smudge- and abrasion-resistant thermal images using resin-based ribbons, dimensionally stable film (no shrinkage), high-performance adhesive. This is an excellent material for applications requiring solvent and scratch resistance. This adhesive is designed for smooth, powder paint and slightly textured surfaces. This material has a topcoat specially designed for UV flexographic printing. .		
RECOGNITION(S):	UL-MH16873	CSA- LS-89882-6	RoHS Directive 2002/95/EC Compliant
RECOMMENDED RIBBON:	Thermal Transfer Resin Ribbon		
PHYSICAL PROPERTIES:	TEST METHODS	CONVENTIONAL UNITS	S.I. UNITS
THICKNESS:	Film	2.0 mils	50.8 microns
	Adhesive	1.9-2.1 mils	48.2-53.3 microns
	Liner (50#)	3.0 mils	75 microns
	Total	6.9-7-1 mils	174-179.1 microns
ADHESIVE PERFORMANCE:	Stainless Steel	87oz/in	957 N/m
	Polycarbonate	99 oz/in	1089 N/m
	HD Polyethylene	42 oz/in	462 N/m
	Polypropylene	36 oz/in	396 N/m
	Acrylic Powder Paint	89 oz/in	979 N/m
	Epoxy Powder Paint	111 oz/in	1221 N/m
	Polyester Powder Paint	47 oz/in	517 N/m

ADHESIVE PERFORMANCE AFTER A 72 HOUR DWELL

WARRANTY
 "Our products are sold with the understanding that the buyer will test them in actual use and determine for himself their adaptability to his intended uses. We warrant to the buyer that our products are free from defects in material and workmanship. This warranty is in lieu of any other warranty, expressed or implied"

SERVICE TEMPERATURE: -40°F - 300°F -40°C - 149°C

MINIMUM APPLICATION TEMPERATURE: 50°F 10°C

EXTERIOR DURABILITY: 2 yrs. outdoor exposure
 Label Stock: No Effect
 Label Stock with TTRR-D Ribbon printing: No Effect

CHEMICAL RESISTANCE:

Test should be conducted at room temperature after 24 hour dwell. Testing should consist of five cycles of 10 minute immersions in the specified chemical reagent followed by 30 minute recovery periods. Cotton swab rub prior to final immersion.

CHEMICAL REAGENT: **LABEL STOCK:** **PRINTING:** **PRINTING:**
 (without printing) (using TTRR-D ribbon) (cotton swab rub)

Household Cleaners	No effect	No effect	No effect
Mild Acid	No effect	No effect	No effect
Oil	No effect	No effect	No effect
Water	No effect	No effect	No effect
Isopropyl Alcohol	No effect	No effect	No effect
Mineral Spirits	No effect	No effect	No effect
Toluene	No effect	No effect	No effect

STORAGE STABILITY Product should be stored at 70°F (21°C) and 40-50% relative humidity to ensure optimal performance.

SHELF LIFE: 2 years @ proper storage conditions.