



Technical Data Sheet

TT516

THERMAL TRANSFER SEMI-GLOSS WHITE PAPER

GENERAL DESCRIPTION:

TT516 is a semi-gloss white paper. It is coated with a cold temperature emulsion acrylic permanent adhesive and backed with a 40# Kraft release liner.

USES:

Ideal for marking packages, bags and corrugated cardboard. Great material to be used for pre-printed shipping labels and product identification where a higher gloss finish is desired. Very good adhesion to a variety of surfaces including corrugated, rigid plastics, films, glass and painted metal substrates, however, it is not recommended for water immersion

FEATURES:

The smooth medium gloss finish offers good opacity and brightness with a smooth finish for excellent clarity on thermal transfer and flexographic printing. Enhanced smear and scratch resistant can be achieved when thermal printed with a TTRR-A (wax/resin) ribbon.

RECOGNITION (S):

RoHS Directive 2002/95/EC Compliant

RECOMMENDED RIBBON (S):

TTR, TTRR-A and TTRR-V

PHYSICAL PROPERTIES

THICKNESS	CONVENTIONAL UNITS	S.I. UNITS
Facestock	3.0 mils	76.2 microns
Adhesive	0.5 mils	12.7 microns
Liner (40#)	2.5 mils	63.5 microns
Total	6.0 mils	152.40 microns

TEST METHODS

ADHESIVE

PERFORMANCE

Stainless Steel	47 oz/in	517 N/m
HDPE	65 oz/in	715 N/m
Polyester	39 oz/in	429 N/m
Recycled Corrugated	N/A	

Note: Corrugated will lift & tear when label is removed.

ADHESIVE PERFORMANCE AFTER A 24 HR 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 TEMPERATURES (Lab tested using stationary standard ovens): -10°F to 185°F -23°C to 85°C

MINIMUM APPLICATION TEMPERATURE 25°F -3°C

EXTERIOR DURABILITY INDOOR ONLY

CHEMICAL RESISTANCE: No test data available.

Storage Stability Product should be stored at 72°F (22°C) and 50% relative humidity to ensure optimal performance.

SHELF LIFE: 1 year @ recommended storage conditions.