

Thermal Transfer Printable Polyester

2 mil GLOSS WHITE

Features and Benefits

- 2.0 mil gloss topcoated white polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat resists smudging and abrasion when printed with resin and wax/resin thermal transfer ribbons
- Topcoat is compatible with color and black resin and wax/resin thermal transfer ribbons (we recommend evaluating the intended ribbon and ink system for compatibility with the product under the application conditions)
- Static dissipating additives in the topcoat reduce the risk of print voids due to static generated at the print head
- Permanent pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, metal, powder coated paint, paint, ceramic, paper/fiber, glass and fiberglass
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- Liner is suitable for optical sensing on most thermal transfer printers
- UL recognized under UL 969 - UL File No. PGJI2.MH16635 Printing Materials - Component
- cUL recognized under UL 969 - UL File No. PGJI8.MH16635 Printing Materials - Component
- CSA accepted with specific thermal transfer ribbon(s) and printer(s) under CSA standard C22.2 No. 0.15-95

Applications and Uses

Suitable for a variety of durable labeling applications such as:

- Compliance Labels
- Warning and Instructional Labels
- Nameplates
- Brand Identity Labels

PRODUCT DATA

VALUE

TEST METHOD

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film 2.0 (51) +/- 10% Adhesive 0.8-0.9 (20-23) +/- 0.1 (3) Liner 3.1 (79) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)

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Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
ABS	60 (660)	
Acrylic	77 (847)	
Aluminum	54 (594)	
Ceramic Tile	37 (407)	
Glass	68 (748)	
HDPE	32 (352)	
Polycarbonate	58 (638)	
Polyester	87 (957)	
Polypropylene	15 (165)	
Stainless Steel	55 (605)	
Expected Shear	30 hours at room temperature	ASTM D 3654 Method A 1 hr. dwell, 1 sq. inc surface, 4 lb. load
Tack	1030 (gm/sq cm)	ASTM D 2979
Expected Exterior Life	Two years	
Service Temperature Range	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity	