

Thermal Transfer Printable Polypropylene Permanent Adhesive

Description

Applications and End Uses

Product	Matte white thermal transfer printable polypropylene with an permanent adhesive and a 2.4 semi-bleached super calendared kraft liner.	Thermal transfer labels requiring durability and moisture and chemical resistance. Applications include drum labeling, shelf marking, parts and inventory labels, and anywhere a strong, durable label is needed.
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Face A 3.0 mil thermal transfer printable, opaque matte white, biaxially oriented, coated polypropylene.

Physical Properties Without Adhesive

Caliper, inches	0.0030	ASTM D-2103
Tensile @ Break, lbs./in.	34 MD 72 CD	ASTM D-882
Elongation, %	150 MD	ASTM D-882
Opacity, %	94	TAPPI 425

Adhesive Permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugated, glass, and various plastic substrates. Considered to be latex glove friendly for use in some healthcare applications.

Physical Properties of Adhesive

Thickness, inches	0.0007 +1- 10%	
Peel Adhesion, lbs./in.	2.6 or paper tear	PTSC-101A (30 min. applied)
Temperature Ranges		
Minimum Application	+25°F (-4°C) on most surfaces	CTM #45 Curwood
Service Ranges	-75°F to +200°F (-59°C to +93°C)	Polyester Film Dry Surface

Liner A semi-bleached super-calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

Caliper, inches	0.0024 +/- 10%	TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	40 +1- 10%	TAPPI T-410

Shelf Life One year, when stored at 72°F and 50% R.H.
