

TN8602

Revised: 12/2017 KSM

Durascan® N Thermal Transfer Film

Description

Product TN8602 is a bright white BOPP film with a removable acrylic based adhesive with a 2.4 semi-bleached super calendared kraft liner.

Applications and End Uses

Thermal transfer labels recommended for short outdoor durability labeling, shelf marking, parts and inventory labels and anywhere a strong, durable label with removable adhesive is needed.

Face

A bright white BOPP film designed for thermal transfer as well as flexo printing.

Physical Properties Without Adhesive

Caliper, inches	0.00315+/- 10%	TAPPI T-411
Brightness	92% Min	TAPPI T-525
Opacity	87% Min	TAPPI T-425
Tensile, kg Min	10 MD 17 CD	TAPPI T-494
Tear, kg Min	19 MD 24 CD	TAPPI T-414
Basis Weight, lbs. (24" x 36"/500)	42.5 +/- 10%	TAPPI T-410

Adhesive

MR860 is a general-purpose acrylic based removable adhesive with excellent long-term removability from a wide variety of surfaces. Always pretest removable adhesives for suitability in each particular end use application.

Physical Properties of Adhesive

Thickness, inches	0.0007 +/- 10%	
Peel Adhesion, pounds/in.	Stainless Steel = 0.8 Glass = 0.7 HDPE = 0.7 PVC = 0.8	PSTC-101F (7 days applied)
Photographic Activity Test (PAT)	Passes	ISO 18916
LHAMA *	(CFR) Title 16 (CPSC) Part 1500.14(b)(8)	ASTM D4236
TRA*	16 CFR 1500.3(b)(5), (7)- (9) FHSA	C.R.C., c. 931 sec. (10)&(11)
Temperature Ranges		
Minimum Application	+25° F (-4°C) on most surfaces	CTM #45 Curwood
Service Ranges	-40 to +200° F (-40 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 +/- 10%	TAPPI T-410

Shelf Life

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

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*** NOTE: Thermal transfer printing quality and bar code scannability are dependent upon the interworking of several elements; the ribbon, the printhead and the facstock. Please test all applications. Consult MACTac's Technical Marketing Department for guidelines regarding printer and ribbon compatibility.**

CALL 1-800-548-3456 for additional product information

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