

**Material Specification Sheet****Product:**

M-546

**Description:**

A bright white thermal transfer polypropylene facestock with a permanent adhesive and a semi bleached calendered kraft liner.

**Recommended Applications:**

This material is recommended for thermal transfer applications that require durability and superior hold in cold, damp environments including short term outdoor durability labeling, shelf marking or parts and inventory labeling. Complies with FDA 21 CFR 175.105.

**Facestock:**

A bright white thermal transfer biaxially oriented polypropylene film facestock.

	<u>Value</u>	<u>Units</u>	
Basis Weight	42.5	lbs/ream	
Caliper:	3.0	mil	
Tensile:	9	kg/min	
	CD	16	kg/min
Tear:	MD	24	kg/min
	CD	33	kg/min
Brightness:	92	%	
Opacity:	80	%	

**Adhesive:**

A permanent adhesive with excellent tack and ultimate adhesion to a variety of surfaces. Suitable for cold, damp labeling applications.

	<u>Value</u>	<u>Units</u>	
Minimum Application temp:	20	°F	
Service temp:	-65 to +160	°F	
Peel:			
	Corrugated	1.3	lbs/in
	HDPE	1.8	lbs/in
	Stainless Steel	2.7	lbs/in
Loop Tack:			
	Corrugated	2.3	lbs/in
	HDPE	3.2	lbs/in
	Stainless Steel	4.8	lbs/in

**Liner:**

A semi bleached calendered kraft liner.

	<u>Value</u>	<u>Units</u>
Basis Weight:	40	lbs/ream
Caliper:	2.45	mil

**Shelf Life:**

One year, under standard storage and humidity conditions

**PRODUCT DISCLAIMER**

All labels and label material constructions are sold with the understanding that the purchaser has independently determined the suitability of each product for the application for which it is purchased. The seller disclaims any implied warranty of fitness of a product for a particular purpose. All materials should be tested thoroughly by the purchaser under end-user conditions to ensure they meet the requirements of a specific application.

