



# DURASCAN® FILMS

*High-performing, versatile labels maintain their functionality after months of storage and handling*



## Roll Label

PSA-coated papers and films in roll-to-roll form. Extensive product options, available customization, varying roll lengths and widths, and customer friendly services, like our Mactac Precise<sup>SM</sup> Program, which offers a precise amount of material needed for small runs and limited applications.

[www.mactac.com/rolllabel](http://www.mactac.com/rolllabel)

Mactac<sup>®</sup> offers a wide variety of medium to high sensitivity paper and film **Direct Thermal products** that are ideal for use where high-reliability bar code scanning is required. Whether it's topcoating for added environmental resistance, or the ability to scan at higher wave lengths, Mactac has the facestock to meet your needs. By combining the appropriate facestock and adhesive to perform in your application, Mactac's product line offers you the solution.

# DURASCAN® FILMS

Properties	Durascan L 3 Mil Matte White BOPP	Durascan S 3.2 Mil Matte White Polyolefin Synthetic	Smudge-proof Kimdura (90 Micron)	Durascan P 2.6 mil White Polystyrene Corona Treated	Durascan PCL* 2 Mil Clear Polystyrene Corona Treated	Durascan F 2 Mil White TC PET
<b>Outdoor Durability</b>	6 Months - 1 Year	1-1.5 Years Outdoor	1-2 Years Outdoor	< 6 Months Outdoor	< 6 Months Outdoor	> One Year Outdoor
<b>Chemical Exposure</b>	Excellent	Excellent	Excellent	Poor	Poor	Excellent
<b>Water Resistance</b>	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
<b>Solvent Exposure</b>	Good	Good	Good	Poor	Poor	Excellent
<b>Acid Resistance</b>	Excellent	Excellent	Excellent	Good	Good	Excellent
<b>Alcohol Resistance</b>	Excellent	Excellent	Excellent	Poor	Poor	Excellent
<b>UV Exposure</b>	Good	Good	Good	Poor	Poor	Excellent
<b>Abrasion Resistance</b>	Good	Good	Good	Good	Good	Good
<b>Smudge Resistance</b>	Good	Excellent	Excellent	Good	Good	Good
<b>Overall Durability Rating</b>	Good	Good	Good	Moderate	Moderate	Good
<b>Cost Requiriement</b>	Moderate	Moderate	Moderate	Low	Low	High
<b>Application Surface</b>	Semi-Conformable	Semi-Conformable	Semi-Conformable	Rigid	Rigid	Rigid
<b>Markets</b>						
<b>General Durable</b>	✓	✓	✓			✓
<b>Industrial</b>	✓	✓	✓			✓
<b>Shelf Marking</b>	✓		✓			
<b>Horticultural</b>			✓	✓		
<b>Packaging Labels</b>	✓	✓	✓	✓	✓	
<b>Shipping / Identification</b>	✓	✓	✓	✓	✓	
<b>Medical</b>	✓	✓	✓			
<b>Drum Label</b>		✓	✓			✓
<b>Long Term Durable</b>			✓			✓
<b>Stock Products/Adhesive Information-Minimum Application Temperature &amp; Service Range</b>						
<b>General Purpose Permanents</b>						
<b>InFusion</b>	+20°F (-7°C) App -65°F to +150°F Range	TL1701-P5	DSS1701			
<b>710 VHP</b>	+20°F (-7°C) App -65°F to +150°F Range			MT9007	MT9008-78 P10	
<b>ST95</b>	25°F (-4C°) App -75° to +200°F Range	TL9501- P5, P10	DSS9501	KF9501 KF9511		MT9510
<b>High-Tack Permanents</b>						
<b>705VHP</b>	+20°F (-7°C) App -65° to +150°F Range		DSS4501			
<b>705VHP Hvy Ct. Wt.</b>	+20°F (-7°C) App -65° to +150°F Range					
<b>XT100</b>	+32° F (0°C) App -75°F to +200°F Range	TL9600-52				
<b>Cold Temperature Permanents</b>						
<b>640AT</b>	-20°F (-29°C) App -65°F to +200°F Range	TL2601-P5				
<b>CHILL AT</b>	-10°F (-23.33°C) App -65°F to +150°F Range	TL7802-P5				
<b>733</b>	0°F (-18°C) App -65°F to +150°F Range		DSS5001			
<b>Direct Food Contact</b>						
<b>711 VHP</b>	+20°F (-70°C) .App -65°F to +120°F Range	TL7002-P5				
<b>Removable</b>						
<b>MR860 Removable</b>	+25°F (-4°C) App -40°F to +200°F Range	TL8602				
<b>HR-51</b>	+32°F (0°C) App -40°F to +200°F Range	TL5102				

Information above is general guidelines in selecting a Thermal Transfer Film. As always, Mactac strongly recommends extensive testing to determine suitability.

NOTE: Precise Parts are subject to change.

\* Human Readable Only



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