

August 2018



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 PreciseSM Program, which offers next-day shipping on a precise amount of material needed for small runs and limited applications.

www.mactac.com/rolllabel

Mactac[®] 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
Outdoor Durability	6 Months - 1 Year	1-1.5 Years Outdoor	1-2 Years Outdoor	< 6 Months Outdoor	< 6 Months Outdoor	> One Year Outdoor
Chemical Exposure	Excellent	Excellent	Excellent	Poor	Poor	Excellent
Water Resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Solvent Exposure	Good	Good	Good	Poor	Poor	Excellent
Acid Resistance	Excellent	Excellent	Excellent	Good	Good	Excellent
Alcohol Resistance	Excellent	Excellent	Excellent	Poor	Poor	Excellent
UV Exposure	Good	Good	Good	Poor	Poor	Excellent
Abrasion Resistance	Good	Good	Good	Good	Good	Good
Smudge Resistance	Good	Excellent	Excellent	Good	Good	Good
Overall Durability Rating	Good	Good	Good	Moderate	Moderate	Good
Cost Requirement	Moderate	Moderate	Moderate	Low	Low	High
Application Surface	Semi-Conformable	Semi-Conformable	Semi-Conformable	Rigid	Rigid	Rigid
Markets						
General Durable	✓	✓	✓			✓
Industrial	✓	✓	✓			✓
Shelf Marking	✓		✓			
Horticultural			✓	✓		
Packaging Labels	✓	✓	✓	✓	✓	
Shipping / Identification	✓	✓	✓	✓	✓	
Medical	✓	✓	✓			
Drum Label		✓	✓			✓
Long Term Durable			✓			✓
Stock Products/Adhesive Information-Minimum Application Temperature & Service Range						
General Purpose Permanents						
InFusion	+20°F (-7°C) App -65°F to +150°F Range	TL1701-P5	DSS1701			
710 VHP	+20°F (-7°C) App -65°F to +150°F Range			MT9007	MT9008-78 P-10	
ST95	25°F (-4°C) App -75° to +200°F Range	TL9501- P5, P10	DSS9501	KF9501 KF9511		MT9511
High-Tack Permanents						
705VHP	+20°F (-7°C) App -65° to +150°F Range		DSS4501			
705VHP Hvy Ct. Wt.	+20°F (-7°C) App -65° to +150°F Range					
XT100	+32° F (0°C) App -75°F to +200°F Range	TL9601				
Cold Temperature Permanents						
640AT	-20°F (-29°C) App -65°F to +200°F Range	TL2601-P5				
733	0°F (-18°C) App -65°F to +150°F Range		DSS5001			
Direct Food Contact						
711 VHP	+20°F (-70°C) App -65°F to +120°F Range	TL7001	DSS7001			
Removable						
MR860 Removable	+25°F (-4°C) App -40°F to +200°F Range	TL8602				
HR-51	+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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