



# DURABLE FILMS

*Labels that Last a Lifetime*



## 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> offering combines high-performance adhesive and durable films for a total product offering that addresses the most demanding labeling applications.

*Mactac's expanding line of durable film solutions are:*

**UL Recognized** for indoor & outdoor applications

**British Maritime BS5609 Compliant** for drum labeling

**Feature Mactac's proprietary acrylic** MP690 and PAT1 adhesives

Offered through **Mactac's Precise Program** to accommodate smaller orders

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**Mactac® heavy-duty,  
high-performance Durable Films**

These labelstocks are designed to withstand harsh environments – heat, cold, acid, moisture, UV light or solvents. These labels can take the punishment! Combined with MP690 adhesive specifically developed for durable labeling, these products will tackle your toughest durable film labeling applications — appliance, nameplate, lawn and garden, chemical drum and wet cell battery labeling.

- UL Recognized for indoor/outdoor label applications
- British Maritime BS5609 Compliant for drum labels

## MP690 Adhesive

- High Performance Acrylic Emulsion
- Excellent Moisture, Chemical, UV & Solvent Resistance
- High Peel, Tack & Shear to High and Low Surface Energy Substrates – Plastics, Metals and Coated/Painted Metals
- -40°F to 302°F Service Range
- 1.0 mil Adhesive Coat Weight

## Durable Films Product Offering:

- 1.0 mil Clear - Gloss PET
- 2.0 mil Bright, Matte, Brushed - Silver PET
- 3.0 mil White TT BOPP
- 2.0 mil White & Clear - Gloss PET
- 2.0 mil Reverse “Void” - Silver PET
- 3.4 mil White Vinyl
- 2.6 mil White
- 2.6 mil White UV BOPP
- Layflat™ liner option on white polyester

Properties	<b>PJ6914</b> 2.6 mil White	<b>BDF6914</b> 3 mil White TT BOPP	<b>BDE6914</b> 2.6 mil White UV BOPP	<b>VDG6911</b> 3.4 mil White Vinyl	<b>FAB6914</b> 1.0 mil Clear Gloss PET	<b>FAD6914</b> 2.0 mil Clear Gloss PET	<b>FCD6914</b> 2.0 mil White Gloss PET	<b>FDD6919N</b> 2.0 mil White Matte PET
Adhesive	MP690	MP690	MP690	MP690	MP690	MP690	MP690	MP690
Liner	50# SCK	50# SCK	50# SCK	50# SCK	50# SCK	50# SCK	50# SCK	50# SCK
Outdoor Durability	6 Months to 1 Year	6 Months to 1 Year	Up to 2 Years	5 Years	2 Years	2+ Years	2+ Years	2+ Years
Chemical Exposure	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Water Resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Solvent Exposure	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Acid Resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
UV Exposure	Moderate	Moderate	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Abrasion Resistance	Good	Good	Good	Good	Excellent	Excellent	Excellent	Excellent
Smudge Resistance	Good	Good	Good	Good	Excellent	Excellent	Excellent	Excellent
Overall Durability Rating	Good	Good	Good	Good	Excellent	Excellent	Excellent	Excellent
Cost Requirement	Low	Low	Low	Low	Moderate	Moderate	Moderate	Moderate
Application Surface	Semi- Conformable	Semi- Conformable	Semi- Conformable	Semi- Conformable	Rigid	Rigid	Rigid	Rigid
<b>Markets</b>								
General Durable	✓	✓	✓	✓	✓	✓	✓	✓
Wet Cell Battery	✓							
Chemical Container	✓		✓	✓				
Appliance/Nameplate	✓	✓	✓	✓	✓	✓	✓	✓
Lawn & Garden	✓	✓	✓	✓	✓	✓	✓	✓
<b>Compliance Recognition</b>								
UL 969		✓	✓	✓	✓	✓	✓	
CSA C22.2 No. 015 (cUL)			✓	✓	✓	✓	✓	
British Maritime 5609	✓		✓	✓			✓	
<b>Adhesive Information - Minimum Application Temperature &amp; Service Range</b>								
Minimum Application	+50°F	+50°F	+50°F	+50°F	+50°F	+50°F	+50°F	+50°F
Service Range	-40°F to 275°F	-40°F to 200°F	-40°F to 257°F	-40°F to 200°F	-40°F to 302°F	-40°F to 302°F	-40°F to 302°F	-40°F to 302°F



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