



Science.  
Applied to Life.™



# Design high-performance labels that last.

Customized solutions to meet your customers' needs.

# The components you need for a competitive edge.

It's never been easier to deliver the right high-performance label for the job. Pick your adhesive. Pick your facestock. Pick your liner. We put it all together and get it to you fast.



## Fast

Respond quickly to keep pace with changing needs and special requirements.



## Flexible

Meet customer specifications and exceed expectations.



## Reliable

Choose from a portfolio of adhesives, liners and carriers with proven successful construction options.



## Terms you can count on.

(Based on product construction and raw materials available.)

- ▶ Product feasibility and pricing in two business days.
- ▶ Production within 28 business days of submitted purchase order.
- ▶ Minimum order quantities start at just 1.5MMSI or 1,000 sq. meters.

- ▶ To start your custom request, contact your sales rep at 1-800-362-3550.



# 1: Adhesive Selection

Product	Adhesive Type	Service Temp.	Key Attributes	Typical Applications	Markets
350	Permanent High-Performance Acrylic	-40°F to 350°F (-40°C to 177°C)	Ideal for very high bond strength to many surfaces Most universal adhesive — ideal for powder coatings, LSE plastics and oily metals Excellent solvent resistance	Bond fabric or trim to window blinds Splice aluminum coils Bond foam insulation Mount nameplates on award plaques	Automotive Lawn & Garden Energy & Electronic
P1650	Permanent Tackified Acrylic	-40°F to 302°F (-40°C to 150°C)	High-performance adhesive Designed for use in demanding environments, including automotive labeling applications Good chemical and moisture resistance	Automotive underhood specifications Chemical and moisture resistance Thermal stability Resistance to many automotive and industrial fluids	Automotive Medical/ Pharmaceutical Harsh Environments
P1400	Permanent Tackified Acrylic	-20°F to 302°F (-29°C to 150°C)	High-performance adhesive Formulated for demanding applications Adheres to a wide variety of substrates, including LSE plastics UL recognized for indoor/outdoor use	Powder coats Textured surfaces UV and moisture resistance Indoor/outdoor use	Lawn & Garden Outdoor Overlaminates Equipment & Machinery Hand Tools & Power Tools
P1212	Permanent Acrylic	-20°F to 302°F (-29°C to 150°C)	General purpose Good clarity and initial tack Excellent die-cutting properties UL recognized for indoor use	Durable goods Nameplates Overlaminates Product ID Shelf marking	UL Recognize Indoor Overlamine Durable Goods Firm Adhesive for Die-Cutting
R3500	Removable Acrylic	-20°F to 155°F (-29°C to 68°C)	Ideal for ultra-removable on smooth surfaces, such as glass, metal and plastic Good initial tack, and long-term adhesion with clean removability Excellent alternative to static cling	Oil change decals Window decals Instructional labels Pre-mask/paint mask POP labels Resealable tabs	Automotive POP Electronics



## 2: Facestock Selection

Facestock	Colors	Service Temperature	Conformability	Chemical Resistance	Outdoor Durability
Polyester	Clear, white, gold, silver	-40°F to 302°F (-40°C to 150°C)	Poor	Excellent	Excellent
Vinyl	Clear, white, translucent, yellow, black	-20°F to 140°F (-29°C to 60°C)	Excellent	Fair	Good
Polyethylene	Clear, white, matte white	-40°F to 160°F (-40°C to 71°C)	Good-Excellent	Fair	Fair
Polystyrene	Clear, white, matte white	-20°F to 140°F (-29°C to 60°C)	Poor	Poor	Poor
Polypropylene	White, clear, matte clear, white metalized, silver, matte white	-20°F to 140°F (-29°C to 60°C)	Fair-Good	Good	Fair-Good
Acetate	Clear, matte clear, white	-20°F to 140°F (-29°C to 60°C)	Poor	Poor	Poor
Medical Grade Paper: 7000	White high gloss	-40°F to 250°F (-40°C to 121°C)	Fair-Good	Fair	
Polymide	Matte white (DMI or TT)	-40°F to 500°F (-40°C to 260°C)	Good	Excellent	Excellent
Polycarbonate	Velvet clear	-40°F to 250°F (-40°C to 121°C)	Fair	Good	Good
Acrylate	Matte black, matte white, gloss clear	-40°F to 392°F (-40°C to 200°C) 530°F (277°C) for 1 min. 482°F (250°C) for 5 min. 440°F (227°C) for 60 min.	Fair-Good	Good-Excellent	Good-Excellent
Retro-Reflective	Silver	-40°F to 300°F (-40°C to 149°C)	Good	Good	Excellent
Foil	Matte, brite silver	-40°F to 350°F (-40°C to 177°C)	Fair	Good	Excellent

Note: This chart is a general guide. Facestock and adhesives should be tested with actual components to ensure acceptable performance. The technical information and data should be considered representative or typical only and should not be used for specification purposes.

## 3: Liner Selection

Liner	Mil Thickness
40# SC/DK	2.4
44# Polykraft	3.1
43#	2.5
50# Coated, 2-sided	3.2
55# SC/DK	3.2
78# CCK	4.6

Liner	Mil Thickness
83# Laser	5.9
90# Polycoated	7.0
1.0 Polyester	1.0
1.5 Polyester	1.5
4.0 Polyester	4.0

## Most Popular Combinations

Application	Product Number	Adhesive	Facestock	Liner	Description
Powder Coated Paint	7871	350	.002 Gloss White Polyester TC	50# DK	High temperature requirements, durable application
	FP022102	P1480	.003 Matte White Polypropylene EDP C1S	50# SC	Lower temperature requirements, non-durable application — textured
Electronics	7812	100	.003 Matte White Kapton	50# DK	High temperature performance — 500°F (260°C) short term
	3921	150	.002 Matte White Acrylate		Moderate temperature performance — up to 400°F (204°C)
Automotive Underhood	FM033202	P1650	.002 White Polyester TC	50# SC	Designed to pass automotive underhood specs
Outdoor UL	7871	350	PET, White TC	55# DK	Heavy adhesive coat weight for textured surfaces. Excellent high temperature resistance and adhesion to LSE plastics and powder coats.
	7908		PET, Gloss White TC	90# PK	
Indoor UL	7776	310	Polypropylene	55# DK	Textured, chemical exposure
	FM122	P1212	PET, White TC	50# SC	Good initial tack. General purpose adhesive for durable goods and nameplate applications.
Removables	FP0862	R3500	Polypropylene, Clear TC2S	50# SC	Long-term adhesion with clean removability. Excellent alternative to static cling.
	FP016902		Polypropylene, White TC2S		Good conformability. Good removability from a variety of surfaces. Excellent alternative to static cling.
Retro-Reflective	3929	200	Silver Gloss TC	78# CCK	Maximum scanning distance for bins and shelf marking
Over-laminates	7735FL	400	UV Resistant Acrylate	Polyester Film	Five-year outdoor durability
	7730FL		PET, Clear NTC		Non top-coated. Film liner offers excellent graphic appearance. Ideal for metallized or dark colors. Excellent durability and UV resistance.
	FM01N	P1212	PET, Clear NTC	Clear Polyester	Everyday overlaminate applications

## Most Popular Combinations — Continued

Application	Product Number	Adhesive	Facestock	Liner	Description
Tamper Indicating	7381	300	Gloss White Void TC	55# DK	Leave-behind void
	7866		.002 White Gloss Polyester — Void	50# DK	Leave-behind void
	7380		Matte White Void DMI TC	55# SC	Destructible for indoor applications
	3812	350	Urethane, Matte White	50# SC	Destructible, non-shrink white film designed as a non-removable security label. Once applied correctly, one-piece removal is not possible on most surfaces.
Retro-Reflective	3929	200	.0048 Brite Silver Retro-Reflective	50# DK	Maximum scanning distance for bins and shelf marking
Battery	FP020002	P1480	.0026 White Polypropylene T2S	50# SC	Standard battery applications
	FP029202		.0026 White Polypropylene TC2S		
Ladder	FP022102	P1480	.003 Matte White Polypropylene EDP	50# SC	Aluminum, fiberglass or wood ladder applications
Cover-Up	FP032302	P1655	.0023 White Metallized Polypropylene TC	50# SC	Text or graphic cover-up

### The products above are also offered with a variety of facestock, color, finish and liner combinations.

Note: The chart above is a general guide. Facestocks and adhesive should be tested with actual components to ensure acceptable performance. This technical information and data should be considered representative or typical only and should not be used for specification purposes.

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