

Customer-Ready™ Durables Portfolio

Simplifying the time, cost and complexity
of durable goods labeling



Helping you to grow your durables business

The Avery Dennison Customer-Ready™ Durables Portfolio includes our UL®/c–UL-recognized material solutions that simplify servicing the durables market. This core group of UL/c–UL-recognized multipurpose products, including inks, ribbons and adhesives, make it faster, easier and more affordable to adopt a product for your UL/c–UL file.

Growing along with you

The Customer Ready Durables portfolio has been a go-to resource for converters and customers for over 10 years. We continue to add components in response to the introduction of new materials in the durables marketplace and converter requests. We have most recently included:

- New inks tested in our lab
- New printers and that have been tested for our materials

These new materials not only increase the portfolio's versatility, they increase the breadth and depth of its application coverage.

The bottom line? Less testing time, less expense, quicker order response and increased business opportunities.

The Customer-Ready Portfolio is designed to streamline product selection, testing and qualification through the use of UL/c–UL recognized constructions. Our goal is to offer a portfolio of options for a variety of applications that are easily adopted into your UL/c–UL file.



Overlaminates

Spec#	Description
77844	1 Mil Clear Print-Treated PET/S8020/40# BG

All base materials are UL/c–UL recognized with a variety of press inks (see selection tool for details).

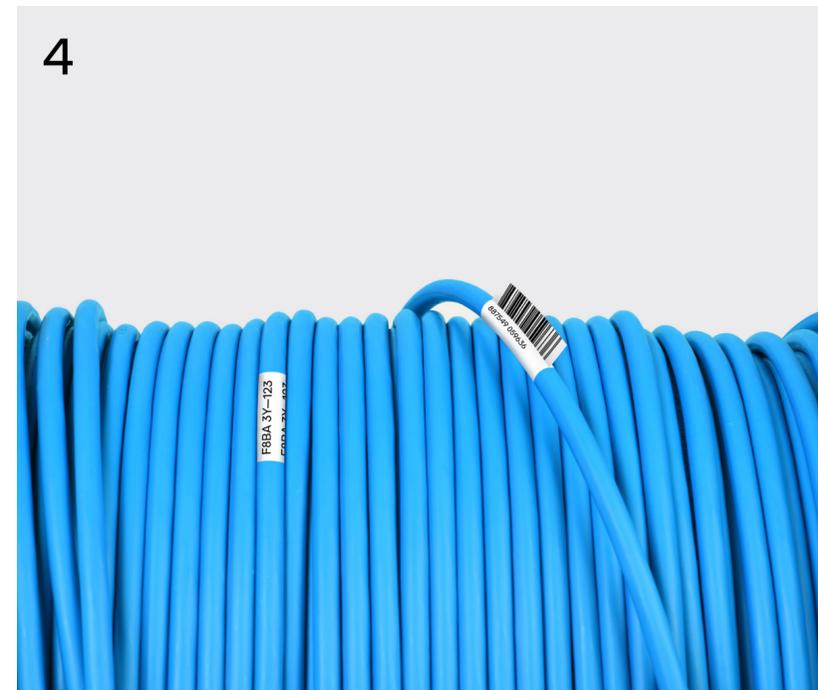
Base Material

Spec#	Description
78385	2 Mil White PET TC S8001/50# SCK
78387	2 Mil Mat...

It includes

- A core of multipurpose products proven to cover the majority of durables and industrial applications, including PET, polypropylene, vinyl and overlaminate films, as well as digital products.
- Cost-effective, fit for use solutions offered through the Avery Dennison EXACT™ service program.
- UL/c–UL-recognized materials with flexo and digital inks, thermal transfer ribbons, and two proprietary adhesives.
- A versatile overlaminate to provide chemical, weathering and abrasion resistance.

The Avery Dennison UL/c–UL-recognized system simplifies file for a label adoption, significantly reducing the time, cost and effort of adding a product to a UL file.



UL/c–UL recognition is an unknown process for many converters

For converters, having a printed label UL/c–UL-recognized takes hours of manpower, weeks of testing and thousands of dollars. Using a Customer-Ready construction lets you file for a label adoption instead, saving immense time, money and effort. The advantages are clear.

Faster. Reduced from 12+ weeks to 2

With Customer-Ready, UL/c–UL-recognition time is reduced by 84%, increasing a product's speed to market and your reputation as a responsive business partner – both of which expand sales growth opportunities.

Easier. More materials for more applications

The UL/c–UL file for our newly expanded portfolio offers the largest listing of surfaces and conditions to cover a wider range of end-use applications. This simplifies the process. Plus, our products are tested and UL/c–UL-recognized with ACTEGA WIT, EIC, Flint, EFI Jetrion and HP Indigo inks as, well as leading thermal transfer ribbons.

Less Expense. Cut by up to 74%

The Customer-Ready label adoption process adds bottom line value. Our wide range of end-use applications reduces inventory SKUs and carrying costs. Plus EXACT service program offerings allow for precise estimating and lower total applied costs – think reduced scrap, no trim costs and just-in-time inventory.

More Opportunities.

With a minimum order quantity of a single roll and rapid delivery, you can now take on jobs that would have not been feasible or profitable in the past. This quick turn capability allows you to increase speed to market and generate new business.

Another Way We Can Help Simplify Your Durables Business

Starting from scratch to get a product recognized? Our Global Client Services Laboratory has everything needed to conduct testing equivalent to that done in UL's own laboratories. For example, to support testing nameplates and safety labels to UL 969 and c-UL C22.2 No. 0.15 standards, the lab can perform the following tests on selected substrates, inks and ribbons:

- Legibility
- Defacement
- Chemical Exposure
- Humidity Exposure
- Heat Aging
- Adhesion
- Taber Abrasion
- Water Resistance
- Environmental (Cold/UV) Resistance

Once testing has been completed, Avery Dennison provides UL with a data sheet ready package of results for the materials tested. All data submitted is thoroughly reviewed and audited by UL before recognition is issued.

In-house Global Client Services Laboratory streamlines product testing and qualification for UL/c–UL recognition

Reflecting our commitment to support customers, the Global Client Services Laboratory offers you a streamlined, cost-effective process intended to get UL/c–UL recognized products to market sooner:

- Faster testing by our in-house Global Client Services Laboratory results in products that can be recognized and listed sooner, facilitating streamlined label adoption for our customers
- New features can quickly be added to existing, recognized products

What's more, our strong ties to UL and our in-depth understanding of the recognition process allows us to provide invaluable support and collaboration on new materials requiring UL recognition, speeding the materials creation and increasing business opportunities for converters and brand owners alike.

Getting Started

Before starting you'll need to know three things:



End Use

- Function of Label
- Permanent, Removable or Repositionable
- Substrate
- Environmental Conditions
- Label Application



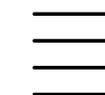
Processing

- Processing
- Press Technology
- Electronic Printing Method
- Converting

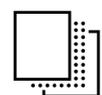


Compliance

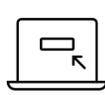
- Environmental
- Agency
- End User Specification



Review list of recognized products in Avery Dennison Customer Ready Portfolio



Select base material, substrate, inks, ribbons that meets the application requirements



Fill out File Adoption form and forward to UL



UL copies file info into customer UL file

Choosing components for your UL/c-UL-recognized label has never been easier.

Step 1

Determine product candidates that meet your application's general requirements

Spec#	Face	Adhesive	Liner	Min. Appl. Temp (°C)	Low Service Temp (°C)	High Service Temp (°C)	Chem. Resist*	Convertibility	Comments
Overlaminates:									
77844	1 Mil Clear Print Treated PET	S8020	40#BG	-4	-40	150	7	9	Provides resistance to chemicals, weathering and abrasion.
77841	1 Mil Clear Topcoated PET	S8020	40#BG	-4	-40	150	7	9	Provides resistance to chemicals, weathering and abrasion.
77843	1 Mil Matte NTC PET	S8020	40#BG	-4	-40	150	7	9	Provides resistance to chemicals, weathering and abrasion.
79325	1 Mil Clear UV Print Treated PET	S3000	1 Mil PET	-4	-40	150	7	9	Provides improved resistance to UV exposure along with resistance to chemicals, weathering and abrasion. Recognized with limited combinations.
Base Material:									
78401	3 Mil Synthetic Paper	S8001	50#SCK	10	-40	80	8	7	Matte white polypropylene: cost effective alternative to PET for indoor applications.
C0733	2.3 White BOPP TC	S8001	50#SCK	10	-40	80	7	7	Glossy white polypropylene: cost effective alternative to PET for indoor applications.
78385	2 Mil White PET TC	S8001	50#SCK	10	-40	150	8	7	High strength film suitable for demanding indoor and outdoor applications.
78387	2 Mil Matte Chrome PET TC	S8001	50#SCK	10	-40	150	8	7	
76656	2 Mil White PET TC	S8015	50#SCK	10	-40 -23	150	10	9	High strength film suitable for demanding indoor and outdoor applications. S8015 features high initial tack, adhesion and shear, and excellent chemical and UV resistance.
76660	2 Mil Matte Chrome PET TC	S8015	50#SCK	10	-40 -23	150	10	9	
77922	2 Mil Matte Chrome PET TC	S8025	50#SCK	10	-40	150	10	9	High strength film suitable for demanding indoor and outdoor applications. S8025 offers improved chemical resistance and convertibility.
78981	2 Mil White PET TCD	S8025	50#SCK	10	-40	150	10	9	
77920	2 Mil White PET TC	S8025	50#SCK	10	-40	150	10	9	High strength film suitable for demanding indoor and outdoor applications. S8025 offers improved chemical resistance and convertibility.
79648	4 Mil White Flex Vinyl TCD	S8025	50#SCK	10	-40	80	8	6	Durable topcoat designed for flexographic and durable inks, also allows for thermal transfer printing
77921	2 Mil Clear PET TC	S8025	50#SCK	10	-40	150	10	9	High strength film suitable for demanding indoor and outdoor applications. S8025 offers improved chemical resistance and convertibility.
79732	2 Mil White PET TC	S8029	50#SCK	10	-40	150	10	8	High strength film suitable for demanding indoor and outdoor applications. S8029 features extremely high final adhesion on a wide variety of surfaces, and excellent chemical resistance.
79453	2 Mil White PET TC	S8049	50#SCK	10	-40	150	10	9	High strength film suitable for demanding indoor and outdoor applications. S8049 offers improved adhesion on rough, oily and low surface energy substrates.
79534	2 Mil Matte Chrome PET TC	S8049	50#SCK	10	-40	80	7	7	High strength film suitable for demanding indoor and outdoor applications. S8049 offers improved adhesion on rough, oily and low surface energy substrates.

Step 2 Polyester - UL Conditions

Cross reference with application's surface and UL/c-UL conditions

Polyester - UL Conditions

Surfaces	77920: 2 Mil White PET TC/S8025/50#SCK 77922: 2 Mil Matte Chrome PET TC S8025/50#SCK					78385: 2 Mil White PET TC/S8001/50#SCK 78387: 2 Mil Matte Chrome PET TC/S8001/50#SCK					79453: 2 Mil White PET TC/S8049/50#SCK 79534: 2 Mil Matte Chrome PET TC/S8049/50#SCK					76656: 2 Mil White PET TC/S8015/50#SCK 76660: 2 Mil Matte Chrome PET TC/S8015/50#SCK				
	Max Temp C	Min Temp C	Indoor Use	Outdoor Use	Addt'l Cond.	Max Temp C	Min Temp C	Indoor Use	Outdoor Use	Addt'l Cond.	Max Temp C	Min Temp C	Indoor Use	Outdoor Use	Addt'l Cond.	Max Temp C	Min Temp C	Indoor Use	Outdoor Use	Addt'l Cond.
Acrylic Paint	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes		150	-23	Yes	Yes	-
Acrylic Powder Paint	150	-40	Yes	Yes	-	150	-40	Yes	Yes	-	150	-40	Yes	Yes		150	-40	Yes	Yes	-
Acrylonitrile Butadiene Styrene	80	-40	Yes	Yes	O,G	80	-40	Yes	Yes	O,G	80	-40	Yes	Yes	O	80	-	Yes	Yes	-
Alkyd Paint	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes	O	150	-40	Yes	Yes	-
Aluminum	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes	O	150	-40	Yes	Yes	-
Anodized Aluminum	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes	O,G	-	-	-	-		150	-40	Yes	Yes	-
Chromate Treated Metal	-	-	-	-	-	-	-	-	-	-	150	-40	Yes	Yes		-	-	-	-	-
Epoxy Paint	150	-40	Yes	Yes	-	150	-40	Yes	Yes	-	150	-40	Yes	Yes		150	-40	Yes	Yes	-
Epoxy Powder Paint	150	-40	Yes	Yes	-	150	-40	Yes	Yes	-	150	-40	Yes	Yes	O	150	-23	Yes	Yes	-
Galvanized Steel	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes		150	-40	Yes	Yes	-
Melamine	100	-40	Yes	Yes	O,G	100	-40	Yes	Yes	O,G	-	-	-	-		100	-40	Yes	Yes	-
Nylon	100	-40	Yes	Yes	O,G	100	-40	Yes	Yes	O,G	100	-40	Yes	Yes	O	100	-40	Yes	Yes	-
Phenolic	100	-40	Yes	Yes	-	100	-40	Yes	Yes	-	100	-40	Yes	Yes		100	-40	Yes	Yes	-
Polybutylene Terephthalate	80	-40	Yes	Yes	O	80	-40	Yes	Yes	O	-	-	-	-		80	-40	Yes	Yes	-
Polycarbonate	100	-40	Yes	Yes	-	100	-40	Yes	Yes	-	60	-40	Yes	Yes		100	-	Yes	Yes	-
Polyester Paint	150	-40	Yes	Yes	O	150	-40	Yes	Yes	O	150	-40	Yes	Yes		150	-23	Yes	Yes	-
Polyester Powder Paint	150	-40	Yes	Yes	-	150	-40	Yes	Yes	-	150	-40	Yes	Yes		150	-40	Yes	Yes	-
Polyethylene	80	-	Yes	-	-	80	-	Yes	-	O	-	-	-	-		80	-	Yes	-	-
Polyphenylene Oxide	80	-40	Yes	Yes	-	80	-40	Yes	Yes	-	80	-40	Yes	Yes		80	-40	Yes	Yes	-
Polypropylene	80	-40	Yes	Yes	O,G	80	-40	Yes	Yes	O,G	80	-40	Yes	Yes	O	80	-	Yes	-	-
Polystyrene	80	-40	Yes	Yes	O	80	-40	Yes	Yes	O	80	-40	Yes	Yes		80	-40	Yes	Yes	-
Polyurethane (Urethane) Powder Paint	150	-40	Yes	Yes	-	150	-40	Yes	Yes	-	150	-40	Yes	Yes		150	-40	Yes	Yes	-
Polyvinyl Chloride (PVC)	80	-40	Yes	Yes	-	80	-40	Yes	Yes	-	-	-	-	-		80	-	Yes	-	-
Porcelain	150	-40	Yes	Yes	-	150	-40	Yes	Yes	O,G	-	-	-	-		150	-40	Yes	Yes	-
Stainless Steel	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes	O,G	150	-40	Yes	Yes		150	-40	Yes	Yes	-
Unsaturated Thermoset Polyester	100	-40	Yes	Yes	O,G	100	-40	Yes	Yes	O,G	150	-40	Yes	Yes		100	-23	Yes	-	-
Electrostatic Coated Metal A, B, C, D	150	-	Yes	Yes	-	150	-	Yes	Yes	-	150	-	Yes	Yes	-	150	-	Yes	Yes	-
Metals	150	-	Yes	Yes	-	150	-	Yes	Yes	-	150	-	Yes	Yes	-	150	-	Yes	Yes	-
Plastic Group 1	100	-	Yes	Yes	-	100	-	Yes	Yes	-	100	-	Yes	Yes	-	100	-	Yes	Yes	-
Plastic Group II, III, IV, V, VI, VII, VIII	80	-	Yes	Yes	-	80	-	Yes	Yes	-	80	-	Yes	Yes	-	80	-	Yes	Yes	-

Surfaces	77921: 2 Mil Clear PET TC/S8025/50#SCK				
	Max Temp C	Min Temp C	Indoor Use	Outdoor Use	Addt'l Cond.
Acrylic	60	-40	Yes	Yes	
Acrylic Paint	150	-40	Yes	Yes	O
Acrylic Powder Paint					
Acrylonitrile Butadiene Styrene	80	-40	Yes	Yes	O, G
Alkyd Paint	150	-40	Yes	Yes	O
Alkyd Painted Plastic	80	-40	Yes	Yes	
Aluminum	150	-40	Yes	Yes	O, G
Anodized Aluminum	150	-40	Yes	Yes	O, G
Chromate Treated Metal	150	-40	Yes	Yes	
Epoxy	80	-40	Yes	Yes	
Epoxy Paint	150	-40	Yes	Yes	
Epoxy Powder Paint	150	-40	Yes	Yes	O
Galvanized Steel	150	-40	Yes	Yes	
Melamine	100	-40	Yes	Yes	
Nylon	100	-40	Yes	Yes	O, G
Phenolic	100	-40	Yes	Yes	
Polybutylene Terephthalate	80	-40	Yes	Yes	O
Polycarbonate	100	-40	Yes	Yes	
Polyester Paint	150	-40	Yes	Yes	O
Polyester Powder Paint	150	-40	Yes	Yes	
Polyethylene	80	-	Yes	No	
Polyethylene - High Density	80	-40	Yes	Yes	O, G
Polyethylene Terephthalate	80	-40	Yes	Yes	
Polyphenylene Oxide	80	-40	Yes	Yes	
Polyphenylene Sulfide	80	-40	Yes	Yes	
Polypropylene	80	-40	Yes	Yes	O
Polystyrene	80	-40	Yes	Yes	
Polyurethane (Urethane) Powder Paint	150	-40	Yes	Yes	
Polyvinyl Chloride (PVC)	80	-40	Yes	Yes	
Porcelain	150	-40	Yes	Yes	
Stainless Steel	150	-40	Yes	Yes	O, G
Unsaturated Thermoset Polyester	100	-40	Yes	Yes	O
Electrostatic Coated Metal A, B, C, D	150	-	Yes	Yes	
Metals	150	-	Yes	Yes	
Plastic Group 1	100	-	Yes	Yes	
Plastic Group II, III, IV, V, VI, VII, VIII	80	-	Yes	Yes	

-(dash) = not tested O = Occasional exposure to lubricating oil G = Occasional exposure to gasoline splashing DD = Occasional exposure to dish detergent DL = Occasional exposure to laundry detergent

continued →

-(dash) = not tested O = Occasional exposure to lubricating oil G = Occasional exposure to gasoline splashing DD = Occasional exposure to dish detergent DL = Occasional exposure to laundry detergent

Step 2 Polypropylene - UL Conditions

Cross reference with application's surface and UL/c-UL conditions

Surfaces	78401: 3 Mil Synthetic Paper/S8001/50#SCK				78403: 2.3 Mil White BOPP TC/S8001/50#SCK			
	Max Temp C	Min Temp C	Indoor Use	Outdoor Use w/ Overlam*	Max Temp C	Min Temp C	Indoor Use	Outdoor Use w/ Overlam*
Acrylic Paint	80	-40	Yes	-	100	-40	Yes	-
Acrylic Plastic	60	-40	Yes	-	60	-40	Yes	-
Acrylic Powder Paint	80	-40	Yes	-	100	-40	Yes	-
Acrylonitrile Butadiene Styrene	80	-40	Yes	-	80	-40	Yes	-
Alkyd Enamel Paint	80	-40	Yes	-	100	-40	Yes	-
Aluminum	80	-40	Yes	-	100	-40	Yes	-
Anodized Aluminum	80	-40	Yes	-				
Ethylene Vinyl Acetate	80	-40	Yes	-	60	-40	Yes	-
Epoxy Paint	80	-40	Yes	-	100	-40	Yes	-
Epoxy Powder Paint	80	-40	Yes	-	100	-40	Yes	-
Galvanized Steel	80	-40	Yes	-	100	-40	Yes	-
Glass	80	-40	Yes	-	100	-40	Yes	-
Melamine	80	-40	Yes	-	80	-40	Yes	-
Nylon	80	-40	Yes	-	100	-40	Yes	-
Phenolic	80	-40	Yes	-	100	-40	Yes	-
Polybutylene Terephthalate	80	-40	Yes	-	80	-40	Yes	-
Polycarbonate	80	-40	Yes	-	100	-40	Yes	-
Polyester Paint	80	-40	Yes	-	100	-40	Yes	-
Polyester Powder Paint	80	-40	Yes	-	100	-40	Yes	Yes
Polyethylene Terephthalate	80	-40	Yes	-	80	-40	Yes	-
Polyphenylene Oxide	80	-40	Yes	-	80	-40	Yes	-
Polypropylene	80	-40	Yes	-	80	-40	Yes	-
Polystyrene	80	-40	Yes	-	80	-40	Yes	-
Polyurethane Paint	80	-40	Yes	-	100	-40	Yes	-
Polyurethane (Urethane) Powder Paint	80	-40	Yes	-	100	-40	Yes	Yes
Polyvinyl Chloride	80	-40	Yes	-	80	-40	Yes	-
Porcelain	80	-40	Yes	-	100	-40	Yes	-
Southern Yellow Pine	-	-	-	-	100	-40	Yes	-
Stainless Steel	80	-40	Yes	-	100	-40	Yes	Yes
Tedlar (Polyvinyl Fluoride)	80	-40	Yes	-	100	-40	Yes	-
Unsaturated Thermoset Polyester	80	-40	Yes	-	100	-40	Yes	-
Urethane Powder Paint	80	-40	Yes	-				

UL/c-UL	Metals	Electrostatic Coated Metal A, B, C, D	Plastic Group 1	Plastic Group II, III, IV, V, VI, VII, VIII
	-	-	-	-
	100	-	-	-
	100	-	-	-
	80	-	-	-
	80	-	-	-

-(dash) = not tested

Vinyl - UL Conditions

Surfaces	79648: 4 Mil White Flex Vinyl TCD/S8025/50#SCK				
	Max Temp C	Min Temp C	Indoor Use	Outdoor Use	Add'l Cond.
Acrylic Paint	100	-40	Yes	Yes	O, DL, F1, F2, K
Acrylic Plastic	80	-40	Yes	Yes	-
Acrylic Powder Paint	100	-40	Yes	Yes	-
Acrylonitrile Butadiene Styrene	80	-40	Yes	Yes	O, DL, F1, F2, K, C
Alkyd Enamel Paint					
Aluminum	100	-40	Yes	Yes	O, DL, F1, F2, K, C
Anodized Aluminum					
Ethylene Vinyl Acetate					
Epoxy Paint	100	-40	Yes	Yes	O, DL
Epoxy Powder Paint	100	-40	Yes	Yes	O, F1, F2, K
Epoxy Powder Paint (Textured)	100	-40	Yes	Yes	DL
Galvanized Steel	100	-40	Yes	Yes	O, DL, F1, F2, K, C
Glass	100	-40	Yes	Yes	-
Melamine	100	-40	Yes	Yes	O, DL
Nylon	100	-40	Yes	Yes	O, DL, F1, F2, K
Phenolic	100	-40	Yes	Yes	-
Polybutylene Terephthalate					
Polycarbonate	100	-40	Yes	Yes	-
Polyester Paint	100	-40	Yes	Yes	O, DL, F1, F2, K
Polyester Powder Paint	100	-40	Yes	Yes	
Polyethylene Terephthalate					
Polyphenylene Oxide	80	-40	Yes	Yes	O, F1, F2, K
Polypropylene	80	-40	Yes	Yes	O, DL, F1, F2, K
Polystyrene	80	-40	Yes	Yes	O, DL, F1, F2, K
Polyurethane Paint					
Polyurethane (Urethane) Powder Paint	100	-40	Yes	Yes	
Polyvinyl Chloride	80	-40	Yes	Yes	-
Porcelain	100	-40	Yes	Yes	O, DL, F1, F2, K
Southern Yellow Pine					
Stainless Steel	100	-40	Yes	Yes	O, DL, F1, F2, K, C
Tedlar (Polyvinyl Fluoride)					
Unsaturated Thermoset Polyester	100	-40	Yes	Yes	O, F1, F2, K, C
Urethane Powder Paint					

UL/c-UL	Metals	Electrostatic Coated Metal A, B, D	Electrostatic Coated Metal C	Plastic Group 1	Plastic Group 2	Plastic Group 3	Plastic Group 4	Plastic Group 5	Plastic Group 6	Plastic Group 7	Plastic Group 8
	100		Yes	Yes	O, DL, F1, F2, K, C						
	100		Yes	Yes							
	100		Yes	Yes	O, F1, F2, K						
	100		Yes	Yes							
	80		Yes	Yes	O, F1, F2, K						
	80		Yes	No	O, DL						
	80		Yes	No	O, DL, F1, F2, K						
	80		Yes	No	O, DL, F1, F2, K, C						
	80		Yes	No	O, DL, F1, F2, K, C						
	80		Yes	No							
	80		Yes	No	O, F1, F2, K						

-(dash) = not tested
 O = Occasional exposure to lubricating oil
 G = Occasional exposure to gasoline splashing
 DD = Occasional exposure to dish detergent
 F1 = Occasional exposure to fuel oil 1
 F2 = Occasional exposure to fuel oil 2
 K = Occasional exposure to kerosene
 C = Occasional exposure to cooking oil

Step 3 With Overlamine

Select ink system

With Overlamine

Manufacturer	Inks	78401: 3 Mil Synthetic Paper S8001/50# SCK	78403: 2.3 Mil White BOPP TC/S8001/50# SCK	78385: 2 Mil White PET TC/S8001/50#SCK	77920: 2 Mil White PET TC/S8025/50#SCK	79648: 4 Mil White Flex Vinyl TCD S8025 50#SCK	78387: 2 Mil Matte Chrome PET TC/S8001	77922: 2 Mil Matte Chrome PET TC/S8025	76656: 2 Mil White PET TC/S8015/50#SCK	76660: 2 Mil Matte Chrome PET TC/S8015/50#SCK	
		Indoor	Indoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
Dantex	PicoJet	-	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	-	-
Dantex	PicoColour	-	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	-	-
Domino	UV90	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors
Domino	N730i	-	-	All Colors	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors
Durst	TAU 330 HD	-	-	-	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors
Durst	Tau 330 STD UV	All Colors	All Colors	All Colors	All Colors	-	-	All Colors	All Colors	-	-
Durst	Tau 330 RSC	-	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors
Flint	HydroFilm ACE	All Colors	All Colors	BK, BL, RD	BK, BL, RD	All Colors	All Colors	BK, BL, RD	BK, BL, RD	BK, BL, RD	BK, BL, RD
Flint	Flexocure Force	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors
Mark Andy	Digital Series HD	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors
Mark Andy	Digital Series Ink	All Colors	All Colors	All Colors	All Colors	-	-	All Colors	All Colors	-	-
Mark Andy	Digital Series iQ	-	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors
Mouvent	UV Ink	-	-	All Colors	All Colors	-	-	All Colors	All Colors	-	-
Screen USA	L350UV+	-	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors
Siegwerk	SICURA ORBIS LEDtec	-	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors
Siegwerk EIC	DR III FR	All Colors	All Colors	BK, BL, RD	BK, BL, RD	BK, BL	BK, BL, RD	BK, BL, RD	BK, BL, RD	BK, BL, RD	BK, BL, RD
Siegwerk EIC	Films III	-	-	BK, BL, RD	BK, BL	BK, BL, RD	BK, BL	BK, BL, RD	BK, BL, RD	BK, BL, RD	BK, BL, RD
Xeikon	PantherCure UV	-	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors

Dantex	PicoJet	-	-	All Colors	-	-					
Dantex	PicoColour	-	-	All Colors	-	-					
Domino	UV 90	All Colors	-	-							
Domino	N730i	-	-	All Colors	BK, RD	All Colors	All Colors	All Colors	All Colors	-	-
Durst	TAU 330 HD	-	-	-	-	All Colors	All Colors	All Colors	All Colors	-	-
Durst	Tau 330 STD UV	-	-	All Colors	All Colors	-	-	All Colors	All Colors	All Colors	All Colors
Durst	Tau 330 RSC	-	-	All Colors							
Flint	HydroFilm ACE	-	-	BK, BL, RD	BK, BL, RD	All Colors	All Colors	BK, BL, RD	BK, BL, RD	BK, BL, RD	BK, BL, RD
Flint	Flexocure Force	-	-	-	-	All Colors	All Colors	-	-	-	-
Mark Andy	Digital Series HD	-	-	All Colors	-	-					
Mark Andy	Digital Series Ink	All Colors	All Colors	All Colors	All Colors	-	-	All Colors	All Colors	All Colors	All Colors
Mark Andy	Digital Series iQ	-	-	All Colors							
Mouvent	UV Ink	-	-	-	-	-	-	-	-	-	-
Screen USA	L350UV+	-	-	-	-	All Colors					
Siegwerk	SICURA ORBIS LEDtec	-	-	All Colors							
Siegwerk EIC	DR III FR	-	-	BK, BL, RD	BK, BL, RD	BK, BL	BK, BL, RD				
Siegwerk EIC	Films III	-	-	-	-	BK, BL, RD	BK, BL	BK, BL, RD	BK, BL, RD	-	-
Xeikon	PantherCure UV	-	-	All Colors							

Manufacturer	Inks	77921: 2 Mil Clear PET TC/S8025/50#SCK		79453: 2 Mil White PET TC/S8049/50#SCK		79534: 2 Mil Matte Chrome TC/S8049/50#SCK		78981: 2 Mil White PET TCD/S8025/50#SCK	
		Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
Dantex	PicoJet	All Colors	All Colors	-	-	-	-	-	-
Dantex	PicoColour	All Colors	All Colors	-	-	-	-	-	-
Domino	UV90	All Colors	All Colors	-	-	-	-	-	-
Domino	N730i	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Durst	-	-	-	-	-	-	-	-	-
Durst	Tau 330	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Durst	Tau 330 RSC	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Flint	Hydrofilm ACE™	All Colors	All Colors	-	-	-	-	BK, BL, RD	All Colors
Flint	Flexocure FORCE™	All Colors	All Colors	-	-	-	-	All Colors	All Colors
Mark Andy	Digital Series Ink	-	-	All Colors	All Colors	-	-	-	-
Mark Andy	Digital Series HD	All Colors	All Colors	-	-	-	-	-	-
Mark Andy	Digital Series iQ	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Mouvent	UV Ink	All Colors	All Colors	-	-	-	-	-	-
Screen USA	L350UV+	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Siegwerk	SICURA ORBIS LEDtec	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Siegwerk EIC	DR III FR	BK, BL	BK, BL	-	-	-	-	BK, BL, YL	All Colors
Siegwerk EIC	Films III	BK, BL	BK, BL	-	-	-	-	-	-
Xeikon	PantherCure UV	All Colors	All Colors	All Colors	All Colors	-	-	All Colors	BK, RD, YL

Dantex	PicoJet	All Colors	All Colors	-	-	-	-	-	-
Dantex	PicoColour	All Colors	All Colors	-	-	-	-	-	-
Domino	UV90	All Colors	All Colors	-	-	-	-	-	-
Domino	N730i	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Durst	-	All Colors	All Colors	-	-	-	-	-	-
Durst	Tau 330	-	-	All Colors					
Durst	Tau 330 RSC	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Flint	Hydrofilm ACE™	All Colors	All Colors	-	-	-	-	BK, BL, RD	All Colors
Flint	Flexocure FORCE™	All Colors	All Colors	-	-	-	-	-	-
Mark Andy	Digital Series Ink	-	-	All Colors	All Colors	-	-	-	-
Mark Andy	Digital Series HD	All Colors	All Colors	-	-	-	-	-	-
Mark Andy	Digital Series iQ	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Mouvent	UV Ink	All Colors	All Colors	-	-	-	-	-	-
Screen USA	L350UV+	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Siegwerk	SICURA ORBIS LEDtec	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Siegwerk EIC	DR III FR	BK, BL	BK, BL	-	-	-	-	BK, BL, RD	All Colors
Siegwerk EIC	Films III	BK, BL	BK, BL	-	-	-	-	-	-
Xeikon	PantherCure UV	All Colors	All Colors	All Colors	All Colors	-	-	All colors	All colors

Step 3 Without Overlaminates

Select ink system

Manufacturer	Inks	78401: 3 Mil Synthetic Paper/ S8001/50#SCK		78403: 2.3 Mil White BOPP TC/S8001		78385: 2 Mil White PET TC/ S8001/50#SCK		78387: 2 Mil Matte Chrome PET TC/S8001/50#SCK		77921: 2 Mil Clear PET TC/ S8025/50#SCK		79453: 2 Mil White PET TC/S8049/50#SCK		78981: 2 Mil White PET TCD/ S8025/50#SCK	
		Indoor	Indoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
Dantex	PicoJet	All Colors	All Colors	All Colors	BK	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Dantex	PicoColour	All Colors	All Colors	All Colors	BK	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Domino	UV 90	All Colors	All Colors	All Colors	BK, RD	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	BK, RD	-	-
Domino	N730i	All Colors	All Colors	All Colors	BK, RD	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	BK, RD	-	-
Durst	TAU 330 HD	-	-	-	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	-	-	-	-
Durst	Tau 330	All Colors	All Colors	All Colors	-	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	-	All Colors	All Colors
Durst	Tau 330 RSC	All Colors	All Colors	All Colors	BK, BL	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	BK, BL	-	-
Flint	Hydrofilm ACE™	All Colors	All Colors	All Colors	BK, BL, RD	BK, BL, RD	All Colors	All Colors	All Colors	All Colors	All Colors	BK, BL, RD	BK, BL, RD	-	All Colors
Flint	Flexocure FORCE™	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	BK, BL, YL	-	All Colors	All Colors
Mark Andy	Digital Series Ink	All Colors	All Colors	All Colors	-	All Colors	All Colors	-	-	-	-	All Colors	-	-	-
Mark Andy	Digital Series HD	All Colors	All Colors	All Colors	BK	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	BK	-	-
Mark Andy	Digital Series iQ	All Colors	All Colors	All Colors	All Colors	BK, RD	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	BK, RD	-	-
Mouvent	UV Ink	All Colors	All Colors	All Colors	BK	All Colors	All Colors	All Colors	All Colors	-	-	-	-	-	-
Screen USA	L350UV+	All Colors	All Colors	All Colors	BK, BL, RD	All Colors	BK, BL, RD	All Colors	BK, BL, RD	All Colors	All Colors	All Colors	BK, BL, RD	-	-
Siegwerk	SICURA ORBIS LEDtec	All Colors	All Colors	All Colors	BK, BL	All Colors	BK, BL, RD	All Colors	BK, BL, RD	All Colors	All Colors	All Colors	BK, BL	All Colors	All Colors
Siegwerk EIC	DR III FR	All Colors	All Colors	All Colors	BK, BL	All Colors	BK, BL, RD	All Colors	BK, BL	All Colors	BK, BL	-	-	BK, BL, YL	BK, BL, YL
Siegwerk EIC	Films III	-	-	BK, BL, RD	BK, BL	BK, BL, RD	BK, BL	All Colors	BK, BL, YL	BK, BL, RD	BK, BL	-	-	All Colors	BK
Xeikon	PantherCure UV	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	All Colors	BK, RD, YL

Dantex	PicoJet	-	All Colors	All Colors	BK	All Colors	-	-	-	-					
Dantex	PicoColour	-	All Colors	All Colors	BK, BL, YL	BK	BK, BL, YL	BK, BL, YL	All Colors	All Colors	All Colors	All Colors	-	-	-
Domino	UV 90	-	-	All Colors	All Colors	BK, RD	All Colors	-	-						
Domino	N730i	-	-	All Colors	All Colors	BK, RD	All Colors	BK, RD	-	-					
Durst	TAU 330 HD	-	-	No Pass	No Pass	All Colors	-	-							
Durst	Tau 330	-	-	All Colors	All Colors	All Colors	All Colors	-	-	-	-	All Colors	All Colors	All Colors	All Colors
Durst	Tau 330 RSC	-	All Colors	All Colors	BK, BL	All Colors	BK, BL	-	-						
Flint	Hydrofilm ACE™	-	-	No Pass	No Pass	No Pass	No Pass	-	-	BK, BL, RD	BK, BL, RD	BK, BL, RD	BK, BL, RD	-	-
Flint	Flexocure FORCE™	-	-	-	-	-	-	All Colors	BK, BL, YL	All Colors	All Colors	-	-	-	-
Mark Andy	Digital Series Ink	All Colors	All Colors	All Colors	-	All Colors	All Colors	-	-	-	-	All Colors	All Colors	-	-
Mark Andy	Digital Series HD	-	-	All Colors	BK	All Colors	-	-							
Mark Andy	Digital Series iQ	-	-	All Colors	All Colors	BK, RD	All Colors	BK, RD	-	-					
Mouvent	UV Ink	-	All Colors	-	-	All Colors	All Colors	All Colors	All Colors	-	-	-	-	-	-
Screen USA	L350UV+	-	All Colors	All Colors	BK, BL, RD	All Colors	BK, BL, RD	All Colors	BK, BL, RD	All Colors	All Colors	All Colors	BK, BL, RD	-	-
Siegwerk	SICURA ORBIS LEDtec	-	All Colors	All Colors	BK, BL	All Colors	BK, BL, RD	All Colors	BK, BL, RD	All Colors	All Colors	All Colors	BK, BL	All Colors	All Colors
Siegwerk EIC	DR III FR	-	-	No Pass	No Pass	No Pass	No Pass	-	-	BK, BL	BK, BL	BK, BL, RD	BK, BL, RD	BK, BL, YL	BK, BL, YL
Siegwerk EIC	Films III	-	-	-	-	-	-	-	-	BK, BL, RD	BK, BL	BK, BL, RD	BK, BL	BK, BL, YL	All Colors
Xeikon	PantherCure UV	-	All Colors	BK, RD, YL											

-(dash) = not tested BK = Black BL = Blue RD = Red YL = Yellow

*Thermal transfer ribbons were tested on Polyesters and Polypropylenes without an overlaminates

Step 4

Select thermal transfer ribbon

Manufacturer	Ribbons	78401: 3 Mil Synthetic Paper/ S8001/50#SCK (a)		78403: 2.3 Mil White BOPP TC/ S8001/50#SCK (b)		77844: 1 Mil Clear Print-Treated PET/ S8020/40#BG		79453: 2 Mil White PET TC/S8049/50#SCK		79648: 4 Mil White Flex Vinyl TCD S8025 50#SCK	
		Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor
Armor	AXR8, AXR600, AXR7+, AXR1	AXR-7+ (a & b), AXR1 (b only)	AXR600, AXR 7+, AXR 8	AXR600, AXR 7+, AXR 8, AXR1	AXR 600, AXR 7+, AXR 8, AXR1	-	-	-	-	-	-
Astro-Med	RF, RY, RAF Blue, R-5	RY, R-5	RY, R-5	RF, RY	RF, RY	-	-	-	-	-	-
Coding Products	5940, 5640 Blue, 5440 Red, 7996	7996 (b only)	5940, 7996	5940, 5640 Blue, 5440 red	5940, 7996	-	-	-	-	-	-
DNP	R-300, R-510, R-510 Green, R-510 Red (indoor only), R-510 Blue, TR-4070, TR-6075, TR-6070, R-510HF, Signature Series Resin	R510 (a & b), TRX-55 (a & b)	R-300	R-300, R-510, R-510 Green, R-510 Red, R-510 Blue, TR4070, TR6070, TR6075	R300, R510, R510 HF, TR4070	-	-	-	-	-	-
Datamax	SDR-A, SDR-D, SDR-5, SDR-6, SDR, SDR Millennium	-	SDR, SDR Millennium, SDR-5, SDR-6, SDR-7, SDR-A, SDR-D	SDR, SDR Millennium, SDR-5, SDR-6, SDR-7, SDR-A, SDR-D	SDR, SDR-A, SDR-D	-	-	-	-	-	-
iimak	SP-330, SP-410, Prime Mark, SP575, SP-990, SH-36	SP-330, SP-575 (b only), PM250 (a & b)	SP-330, SP-575	SP-330, SP-575, Prime Mark, Prime Mark 255, DC-300/CD-305 (BK, BL, RD, YL), SP-990, SP-410	SP-330, SP-575	-	-	-	-	-	-
Intermec	TMX 3200, TMX 1500	-	TMX3200, TMX1500	-	-	-	-	-	-	-	-
ITW	B324, B325, B813, B814	B324 (a & b), B325, B813, B814 (b only)	B324, B325, B813, B814	B324, B-128, B325	B324, B325, B813, B814	-	-	-	-	-	-
Kurz	K-300, K-500, K-501	-	K-500	K-300, K-500, K-501	-	-	-	-	-	-	-
NCR	Promark 3, Pacesetter, Ultra V, Matrix Resin, Perma Max, K3	-	Promark 3, Pacesetter, Ultra V, Matrix Resin	Ultra Premium, Ultra Extreme	Promark 3, Pacesetter, Ultra V, Matrix Resin, Perma Max	-	-	-	-	-	-
Peak	Ultra Premium, Ultra Extreme	-	Ultra Premium	Ultra Premium, Ultra Extreme	-	-	-	-	-	-	-
Ricoh	B110C, B110CR, B120EC, B110CX	B110C (a & b)	B110C, B110CR	B110C, B110CR, B120EC, B110CX	B110C, B110CR	-	-	-	-	-	-
Sato	Premier 1	-	Premier 1	Premier 1	Premier 1	-	-	-	-	-	-
Zebra	5095, 5100, 5463, Z-1400, Z-3100, Z-4100, 5555	-	5095, 5175, 5100, 5555, Z-4100	5095, 5175, 5100, 5555, Z3100, Z-4100	5095, 5100	-	-	-	-	-	-
Fujicopian	FTX 303, FTX 306, FTX 308, FTX 100, FTX 303N, FTX 304, TRX-21, TTM-164, TTM-46	-	FTX 303, FTX 306, FTX 308, FTX 100, FTX 303N, FTX 304, TRX-21, TTM-164, TTM-46	FTX 303, FTX 306, FTX 308, FTX 100, FTX 303N, FTX 304, TRX-21, TTM-164, TTM-46	FTX 303, FTX 303N, FTX 304, TTM-164, TTM-46	-	-	-	-	-	-

Armor	AXR8, AXR600, AXR-7+, AXR1	AXR-7+ (b only), ARX1 (b only)	AXR8, AXR600, AXR-7+	AXR8, AXR600, AXR-7+, AXR1	AXR 600, AXR 7+, AXR 8, AXR1	-	-	-	-	-	-
Astro-Med	RY, RAF Blue	RY	RY, RAF Blue	RY, RAF Blue	-	-	-	-	-	-	-
Coding Products	5640 Blue, 5440 Red, 7996	-	5940, 7996	5640 Blue, 5440 Red	5940, 7996	-	-	-	-	-	-
DNP	R-300, R-510, R-510-HF R-510 Green, R-510 Red (indoor only), R-510 Blue, TR-4070, TR-6075, TR-6070, Signature Series™ Resin	R-510 (b only)	R-300	R-300, R-510, R-510 Green, R-510 Red, R-510 Blue, TR4070, TR6070, TR6075	R300, R510, R510 HF, TR4070	-	-	-	-	-	-
Datamax	SDR-A, SDR-D, SDR-5, SDR-6, SDR, SDR Millennium	-	SDR-A, SDR-D, SDR-6, SDR, SDR-7, SDR-4	SDR-A, SDR-D, SDR-6, SDR, SDR-7, SDR-5, SDR Millennium	SDR, SDR-A SDR-D	-	-	-	-	-	-
iimak	Primemark, SP-575	SP-330, SP-575 (b only), PM250 (a & b)	SP-330, SP-575	DC-300/CD-305 (BK, BL, RD, YL), SP-990	SP-330, SP-575	-	-	-	-	-	-
ITW	B325, B813	B324, B813, B814 (b only)	R-90, B324, B813, B814	R-90, B325	B324, B325, B813, B814	-	-	-	-	-	-
Kurz	-	-	K-500	K-500	-	-	-	-	-	-	-
NCR	Promark 3, Pacesetter, Ultra V, Matrix Resin, Perma Max, K3	-	Promark 3	Promark 3	-	-	-	-	-	-	-
Peak	Ultra Premium, Ultra Extreme	-	Ultra Premium	Ultra Premium	-	-	-	-	-	-	-
Ricoh	B110C, B110CR, B1230EC, B110CX	B110C (b only)	B110C	B110C, B110CR	B110C, B110CR	-	-	-	-	-	-
Sato	Premier 1	-	Premier 1	Premier 1	Premier 1	-	-	-	-	-	-
Zebra	5095, 5100, 5463, Z-1400, Z-3100, Z-4100, 5555	-	Z-4100, 5095	5100	5095, 5100	-	-	-	-	-	-
Fujicopian	FTX 303, FTX 306, FTX 308, FTX 100, FTX 303N, FTX 304, TRX-21, TTM-164, TTM-46	-	FTX 306, FTX 308, FTX 303, FTX 303N, FTX 304, TTM-164, TTM-46	FTX 303, FTX 303N, FTX 304, TTM-164, TTM-46	FTX 303, FTX 303N, FTX 304, TTM-164, TTM-46	-	-	-	-	-	-

-(dash) = not tested

*Thermal transfer ribbons were tested on Polyesters and Polypropylenes without an overlaminates

Step 5

Submit label adoption request with Avery Dennison file number and product description to UL/C-UL.



With the UL/C-UL's flat fee pricing, a simple product adoption is more economical than ever. When specific minimum purchase conditions are met, we'll even reimburse your company for the basic adoption fee - reducing your transfer cost to zero. Need an additional surface or ink? We can guide you through the process.

Contact UL/C-UL to initiate a label adoption project. If necessary, contact your Avery Dennison representative for assistance.

label.averydennison.com

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