Global 2018





Application Ready[®] Durable Material Portfolios

Your guide to the lowest total cost of ownership durable label solutions

What are Application Ready[®] Material Portfolios?

Why does IDENTCO offer a range of products that are suitable for my application?

Because not all labels require the same level of durability and performance.

A warning label designed to warn consumers not to place their hands near a moving lawn mower blade or snow blower impeller must be there performing its function rain or shine, winter or summer, for the life of that equipment. A label highlighting the features and benefits of that same lawn mower or snow blower that helps differentiate your product from the other products sitting next to it at the big box store clearly does not have the same performance and durability requirements.

An label containing valuable track and trace data applied to a PC board and exposed to the harsh SMT manufacturing process, must be there providing its vital traceability function throughout the manufacturing process and the life of the board. A rating label applied to the back of a network access device after final assembly that sits in a climate controlled data center with no exposure to sunlight, chemicals, excessive heat, or abrasion does not require the same level of durability.

The objective of these Ultra-High, High, Standard Performance, and Special Application portfolios is to offer a range of solutions that will allow IDENTCO to achieve the balance between cost and performance for each specific label application.

Ultra-High-Performance Portfolio

IDENTCO's Ultra High-Performance Label Material Portfolio is designed to offer the most durable labels in the industry. Whether your label application is on difficult-to-adhere-to low-surface-energy materials, is exposed to extremely high or low temperatures or is subjected to high abrasion or aggressive chemicals, this material portfolio may be the right choice.

This portfolio is designed for the most critical label applications where ensuring that vital information printed on the label is available and legible for the life of your products.

High-Performance Portfolio

IDENTCO's High-Performance Label Material Portfolio is the perfect balance of delivering high label performance while being sensitive to label cost. The materials in this portfolio deliver highly durable labels, but may not be recommended for some label application surfaces and may not be as resistant to extreme temperatures or the most aggressive chemicals.

We understand that not all label applications require the most durable materials that carry the highest cost.

Standard-Performance Portfolio

IDENTCO's Standard-Performance Label Material Portfolio has been developed to offer the lowest cost label solutions while maintaining the necessary level of performance and durability. This portfolio includes lower cost adhesives and face stocks to offer a solid solution while delivering significant cost reduction.

Our product development lab is key in determining if there are opportunities to reduce label material cost without sacrificing the label performance for your specific application.

Special Application Portfolio

IDENTCO's Special Application Material Portfolio has been developed to offer solutions where unique performance requirements are needed that do not fall into the Ultra-High, High or Standard Performance Portfolios. Materials in this portfolio have been developed to address specific applications and functions.

Finding the Right Label Material for Your Application

Our Product Development Team and Application Engineers will evaluate your specific application and determine which portfolio of products will deliver the best "fit for purpose" label material construction to deliver the lowest cost of ownership for your specific label applications.

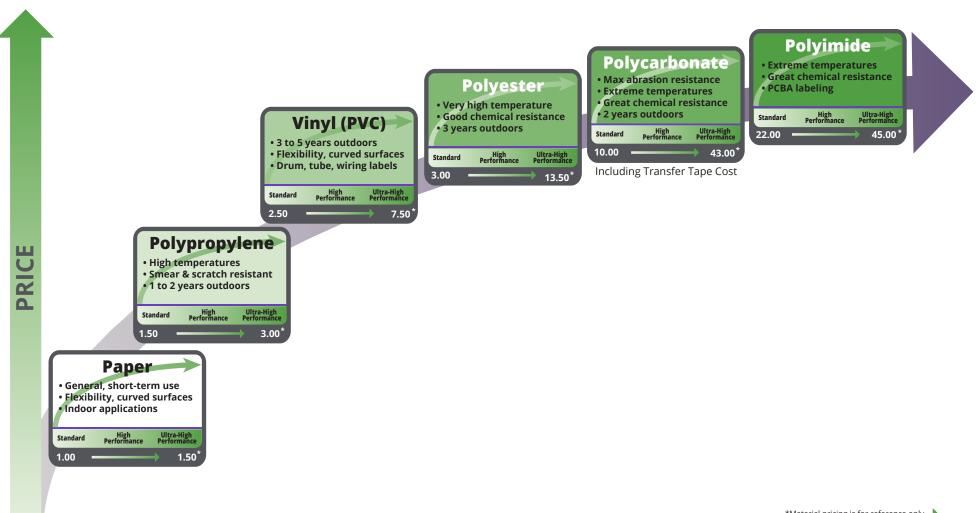
STEP 1 DETERMINING THE RIGHT MATERIAL TYPE FOR YOUR SPECIFIC LABEL APPLICATION OR FUNCTION

Selecting the right durable material type for your specific application or function is key to achieving the right balance between cost and performance. This guide will help find the right match for your product identification application to achieve the lowest total cost of ownership in product labeling.



STEP 2 UNDERSTANDING THE PRICE/PERFORMANCE CURVE

Once it has been determined which durable label material types are appropriate for your label application, it is useful to understand how the material type options compare on price and performance.



*Material pricing is for reference only.

PERFORMANCE

STEP 3 SELECTING THE EXACT IDENTCO PRODUCT FROM OUR APPLICATION READY[®] DURABLE MATERIAL PORTFOLIOS

After determining the appropriate material types and the correct balance of price and performance, Step 3 is selecting the exact material from our Standard, High-Performance or Ultra-High-Performance durable material portfolios to deliver the right product identification solution for your application.

MATERIAL	DURABLE	IDENTCO	DURAB	LE PRINT	TECHNO	LOGIES	ABRASION	ADHES	VE	SERVICE	RELEASE	AGENCY	
TYPE	MATERIAL PORTFOLIO	MATERIAL NUMBER	UDF	UDS	UDD	UDTT	& CHEMICAL RESISTANCE	ТҮРЕ	COAT WEIGHT	TEMP.	LINER	RECOGNITION ¹	PRICE ²
POLYIN	IIDE with	High-Ter	npera	ture	Perma	anent	Adhesive						
	Ultra High Performance	TT433					Excellent	Solvent Acrylic	2 mil	-70°C - 300°C	55# Glassine	UL	45.18
2 mil Gloss White Polyimide	High Performance	TT403⁴					Good	Solvent Acrylic	2 mil	-70°C - 300°C	55# Glassine	UL	34.00
	Standard Performance	TT416				•	Good	Solvent Acrylic	1.5 mil	-70°C - 300°C	55# Glassine	UL	23.25
2 mil Matte White Polyimide	Performance	TT483				•	Excellent	Solvent Acrylic	2 mil	-70°C - 300°C	55# Glassine	UL	41.00
	Standard Performance	TT417				•	Good	Solvent Acrylic	1.5 mil	-70°C - 300°C	55# Glassine	UL	23.25
2 mil Matte White Polyimide Electrostatic Dissipative (ESD)	High Performance	TT451				•	Good	Solvent Acrylic	2 mil	-70°C - 300°C	55# Glassine	UL & CSA	45.00
2 mil Gloss Tan Polyimide	High Performance	TT411				•	Good	Solvent Acrylic	2 mil	-70°C - 300°C	55# Glassine	UL & CSA	39.75

MATERIAL	DURABLE	IDENTCO	DURAB	LE PRINT	TECHNO	LOGIES ³	ABRASION	ADHESI	VE	SERVICE	RELEASE	AGENCY	
TYPE	MATERIAL PORTFOLIO	MATERIAL NUMBER	UDF	UDS	UDD	UDTT	& CHEMICAL RESISTANCE	ТҮРЕ	COAT WEIGHT	TEMP.	LINER	RECOGNITION ¹	PRICE ²
POLYIM	IIDE with	High-Ter	npera	ture	Perma	anent	Adhesive (C	Continued)	-				-
1.5 mil Gloss White Polyimide	Standard Performance	TT481				•	Good	Solvent Acrylic	1 mil	-70°C - 300°C	55# Glassine	UL & CSA	22.00
POLYCA	ARBONAT	E										1	
	Ultra-High Performance 10 mil	CP8010			•		Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	7.50
Velvet Polycarbonate Film	Ultra-High Performance 7 mil	CP8007			•		Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	5.00
	Ultra-High Performance 5 mil	CP8005			•		Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	4.00
	Ultra-High Performance 20 mil	CP4004					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	10.00
	Ultra-High Performance 15 mil	CP4003					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	7.00
Velvet Polycarbonate Film	Ultra-High Performance 10 mil	CP4002					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	5.00
	Ultra-High Performance 7 mil	CP4001					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	4.00
	Ultra-High Performance 5 mil	CP4000					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	3.00
Matte	Ultra-High Performance 10 mil	CP4106		•			Excellent	Not Applicable		-80°C - 15°C	Not Applicable	UL & CSA	10.50
Polycarbonate Film	Ultra-High Performance 5 mil	CP4105		•			Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	8.00

	DURABLE	IDENTCO	DURAB	LE PRINT	TECHNO	LOGIES ³	ABRASION	ADHESI	VE			ACTION	
MATERIAL TYPE	MATERIAL PORTFOLIO	MATERIAL NUMBER	UDF	UDS	UDD	UDTT	& CHEMICAL RESISTANCE	ТҮРЕ	COAT WEIGHT	SERVICE TEMP.	RELEASE LINER	AGENCY RECOGNITION ¹	PRICE ²
POLYCA	RBONAT	E (Contin	ued)					_		· · · · · · · · · · · · · · · · · · ·			
	Ultra-High Performance 20 mil	CP4102					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	10.00
Fine Matte Polycarbonate Film	Ultra-High Performance 15 mil	CP4103					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	7.00
	Ultra-High Performance 10 mil	CP4100					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	5.00
	Ultra-High Performance 20 mil	CP4151					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	11.00
	Ultra-High Performance 15 mil	CP4150					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	9.00
Polished Polycarbonate Film	Ultra-High Performance 10 mil	CP4152					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	6.50
	Ultra-High Performance 7 mil	CP4149					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	6.25
	Ultra-High Performance 5 mil	CP4148					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	6.00
Brushed Polycarbonate Film	Ultra-High Performance 10 mil	CP4020		•			Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	7.00
	Ultra-High Performance 20 mil	CP4202		•			Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	24.00
Gloss Hardcoat Polycarbonate Film	Ultra-High Performance 10 mil	CP4201					Excellent	Not Applicable		-80°C - 1500°C	Not Applicable	UL & CSA	16.00
	Ultra-High Performance 7 mil	CP4200		•			Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	11.00

MATERIAL	DURABLE	IDENTCO	DURAB	LE PRINT	TECHNO	LOGIES ³	ABRASION	ADHESI	VE	SERVICE	RELEASE	AGENCY	
TYPE	MATERIAL PORTFOLIO	MATERIAL NUMBER	UDF	UDS	UDD	UDTT	& CHEMICAL RESISTANCE	ТҮРЕ	COAT WEIGHT	TEMP.	LINER	RECOGNITION ¹	PRICE ²
POLYC	ARBONAT	E (Contin	ued)	-				'				•	-
	Ultra-High Performance 20 mil	CP4214					Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	20.00
Fine Matte Hardcoat Polycarbonate Film	Ultra-High Performance 10 mil	CP4212		•			Excellent	Not Applicable		-80°C - 1500°C	Not Applicable	UL & CSA	15.00
	Ultra-High Performance 7 mil	CP4211		•			Excellent	Not Applicable		-80°C - 150°C	Not Applicable	UL & CSA	8.50
TRANSF	ER TAPE	FOR POL	YCARE	BONA	TE OV	ERLAY	′S						
Acrylic	Ultra-High Performance	TA468	•		•		Excellent	Solvent Acrylic	.005″	-40°C - 200°C	58# Poly Coated Kraft	UL & CSA	10.00
Transfer Tape	Ultra-High Performance	TA467	•	•	•		Excellent	Solvent Acrylic	.002"	-40°C - 200°C	58# Poly Coated Kraft	UL & CSA	7.50
Low Surface Energy Acrylic	Ultra-High Performance	TA9472	•	•	•		Excellent	Solvent Acrylic	.005"	-40°C - 150°C	58# Poly Coated Kraft	UL & CSA	12.50
Transfer Tape	Ultra-High Performance	TA9471	•	•	•		Excellent	Solvent Acrylic	.002"	-40°C - 150°C	58# Poly Coated Kraft	UL & CSA	7.00
Acrylic	Ultimate Performance	TA9485PC	•	•	•		Excellent	Solvent Acrylic	.005″	-40°C - 232°C	58# Poly Coated Kraft	UL & CSA	19.00
Transfer Tape	Ultimate Performance	TA9482PC	•	•	•		Excellent	Solvent Acrylic	.002"	-40°C - 232°C	58# Poly Coated Kraft	UL & CSA	10.00

MATERIAL	DURABLE	IDENTCO	DURAB	LE PRINT	TECHNO	LOGIES ³	ABRASION	ADHESI	VE	SERVICE	RELEASE	AGENCY	
TYPE	MATERIAL PORTFOLIO	MATERIAL NUMBER	UDF	UDS	UDD	UDTT	& CHEMICAL RESISTANCE	ТҮРЕ	COAT WEIGHT	TEMP.	LINER	RECOGNITION ¹	PRICE ²
TRANSI	FER TAPE	FOR POL	YCARI	BONA	TE OV	(ERLA)	/S (Continue)	d)					
	Ulta-High Performance	TA1700					Excellent	Solvent Acrylic	5 mil	-40°C - 150°C	Not Applicable		14.00
Low Surface Energy Opaque Acrylic Transfer Tape	Ultra-High Performance	TA1600	•	•	•		Excellent	Solvent Acrylic	3 mil	-40°C - 150°C	Not Applicable		11.00
Tape	Ultra-High Performance	TA1505			•		Excellent	Solvent Acrylic	2 mil	-40°C - 150°C	Not Applicable	UL & CSA	4.00
POLYES	STER				•								
2 mil	Ultra-High Performance	TT756	•				Good	Low Surface Energy Solvent Acrylic	1 mil	-40°C - 150°C	50# Densified Kraft	UL	3.50
Gloss White Polyester	High	TT700P					_	Solvent			50# Super	UL & cUL	
Gloss White	Performance	TT700					Good	Acrylic	1 mil	-40°C - 150°C	Calendared Kraft	UL & CSA	3.00
Auresive	Standard Performance	TT704(P)					Good	Emulsion Acrylic	1 mil	-40°C - 150°C	50# Super Calendared Kraft	UL & CSA	2.00
2 mil Semi-Gloss White Polyester Electrostatic Discharge (ESD) • Permanent Adhesive	High Performance	TT770				•	Good	Solvent Acrylic	.6 mil	-40°C - 150°C	50# Super Calendared Kraft		13.50
	Ultra-High Performance	TT701				•	Good	Solvent Acrylic	1 mil	-40°C - 150°C	55# Densified Kraft	UL & CSA	8.00
2 mil Matte White Polyeste Permanent Adhesive	High Performance	TT748				•	Good	Solvent Acrylic	1 mil	-40°C - 150°C	50# Super Calendared Kraft	UL	5.50

	DURABLE	IDENTCO	DURAB	LE PRINT	TECHNO	LOGIES ³	ABRASION	ADHESI	VE	CED)//CE		ACENCY	
MATERIAL TYPE	MATERIAL PORTFOLIO	MATERIAL NUMBER	UDF	UDS	UDD	UDTT	& CHEMICAL RESISTANCE	ТҮРЕ	COAT WEIGHT	SERVICE TEMP.	RELEASE LINER	AGENCY RECOGNITION ¹	PRICE ²
POLYES	TER (CONT	TINUED)											
2 mil	Ultra-High Performance	TT763	•			•	Good	Low Surface Energy Solvent Acrylic	2 mil	-40°C - 150°C	50# Densified Kraft	UL	7.00
Gloss Clear Polyester Permanent Adhesive	High Performance	TT732	•			•	Good	Solvent Acrylic	1 mil	-40°C - 150°C	50# Super Calendared		3.00
2 mil	Ultra-High Performance	L214(P)	•			•	Good	Low Surface Energy Solvent Acrylic	1.5 mil	-40°C - 150°C	50# Super Calendared Kraft		5.50
Chrome Silver Polyester Permanent Adhesive	High Performance	L213(P)	•			•	Good	Solvent Acrylic	1 mil	-40°C - 150°C	50# Super Calendared Kraft		3.00
2 mil	Ultra-High Performance	TT762	•			•	Good	Solvent Acrylic	2 mil	-40°C - 150°C	50# Super Calendared Kraft	UL & CSA	7.50
Matte Silver Polyester • Permanent	High Performance	TT741	•				Good	Solvent Acrylic	1 mil	-40°C - 150°C	50# Densified Kraft	UL & CSA	4.00
Adhesive	Standard Performance	TT703	•				Good	Emulsion Acrylic	1 mil	-40°C - 150°C	50# Super Calendared	UL	3.50
	Ultra-High Performance	TT724	•			•	Good	Low Surface Energy Solvent Acrylic	2 mil	-40°C - 150°C	55# Densified Kraft	UL	7.50
2 mil Gloss Silver Polyester • Permanent	High Performance	TT730				•	Good	Solvent Acrylic	1 mil	-40°C - 150°C	50# Super Calendared Kraft	UL	4.00
Adhesive	Standard Performance	TT734(P)	•				Good	Emulsion Acrylic	1 mil	-40°C - 150°C	50# Super Calendared Kraft		3.00

MATERIAL	DURABLE	IDENTCO	DURAB	LE PRINT	TECHNO	LOGIES ³	ABRASION	ADHESI	VE	CEDVICE	RELEASE	ACENCY	
TYPE	MATERIAL PORTFOLIO	MATERIAL NUMBER	UDF	UDS	UDD	UDTT	& CHEMICAL RESISTANCE	ТҮРЕ	COAT WEIGHT	SERVICE TEMP.	LINER	AGENCY RECOGNITION ¹	PRICE ²
POLYES	TER (CONT	INUED)			1					· · · · ·			1
1 mil	Ultra-High Performance	OL5YOD					Excellent (5 Year Outdoor)	Solvent Acrylic	1 mil	-40°C - 150°C			7.50
Gloss Clear Polyester Lamination • Permanent	High Performance	TT791	•			•	Good	Solvent Acrylic	1 mil	-40°C - 150°C		UL	3.13
Adhesive	Standard Performance	OL1000	•				Fair	Emulsion Acrylic	1 mil	-40°C - 150°C			2.00
1 mil Matte Clear Polyester Laminate Permanent	High Performance	L194	•			•	Good	Solvent Acrylic	1 mil	-40°C - 150°C		UL	4.50
Adhesive	Standard Performance	OL1001(P)					Good	Emulsion Acrylic	1 mil	-40°C - 150°C		UL, cUL & CSA	3.00
Vinyl (P	VC)												
3.5 mil Calendared White Vinyl Permanent Adhesiye	High Performance	CP3010	•		•		Fair	Solvent Acrylic	2 mil	-40°C - 80°C	50# Super Calendared Kraft	UL	7.50
Adnesive	Standard Performance	CP3100	•	•	•		Fair	Solvent Acrylic	1 mil	-40°C - 80°C	50# Super Calendared	UL	5.00
3.5 mil Clear Vinyl • Permanent Adhesive	High Performance	CP3020	•	•	•		Fair	Solvent Acrylic	2 mil	-40°C - 80°C	50# Super Calendared Kraft	UL	5.50
A41103176	Standard Performance	TT727	•				Fair	Emulsion Acrylic	1 mil	-40°C - 80°C	50# Kraft	UL	2.50

	DURABLE	IDENTCO	DURAB	LE PRINT	TECHNO	LOGIES ³	ABRASION	ADHES	IVE			ACENCY	
MATERIAL TYPE	MATERIAL PORTFOLIO	MATERIAL NUMBER	UDF	UDS	UDD	UDTT	& CHEMICAL RESISTANCE	ТҮРЕ	COAT WEIGHT	SERVICE TEMP.	RELEASE LINER	AGENCY RECOGNITION ¹	PRICE ²
POLYPR	OPYLENI	E (BOPP)						·					
	Ultra-High Performance	TT601(P)					Good	Solvent Acrylic	1 mil	-40°C - 80°C	50# Super Calendared Kraft	UL	2.50
2.3 mil Gloss White Polypropylene • Permanent	High Performance	TT600(P)	•			•	Fair	Emulsion Acrylic	1 mil	-40°C - 80°C	50# Super Calendared Kraft	UL	2.00
Adhesive	Standard Performance	TT612	•			•	Fair	Emulsion Acrylic	.7 mil	-40°C - 80°C	50# Super Calendared Kraft		1.50
2.3 mil Gloss White Polypropue Removable Adhesive	High Performance	TT622	•		•	•	Fair	Emulsion Acrylic	1 mil	-40°C - 80°C	40# Super Calendared Kraft		2.50
3 mil Matte White Polypropylene Permanent Adhesive	High Performance	TT773			•	•	Good	Emulsion Acrylic	1 mil	-40°C - 80°C	50# Super Calendared Kraft	UL	3.00
1 mil Gloss Polypropylene Lamination • Permanent Adhesive	Standard Performance	OL1111(P)					Fair	Emulsion Acrylic	.5 mil	-40°C - 80°C			.50
1 mil Matte Polypropylene Lamination • Permanent Adhesive	Standard Performance	OL1110(P)					Fair	Emulsion Acrylic	.5 mil	-40°C - 80°C			1.00

	DURABLE	IDENTCO	DURAB	LE PRINT	TECHNO	LOGIES ³	ABRASION	ADHES	IVE			ACENOV	
MATERIAL TYPE	MATERIAL PORTFOLIO	MATERIAL NUMBER	UDF	UDS	UDD	UDTT	& CHEMICAL RESISTANCE	ТҮРЕ	COAT WEIGHT	SERVICE TEMP.	RELEASE LINER	AGENCY RECOGNITION ¹	PRICE ²
PAPER									•	-			
High Gloss White Paper • Permanent Adhesive	High Performance	CP1001	•		•	•	Fair	Emulsion Acrylic	1 mil	-53°C - 93°C	50# Calendared Kraft	UL	1.50
Semi-Gloss White Paper Permanent Adhesive	High Performance	TT516	•		•	•	Fair	Emulsion Acrylic	.5 mil	-40°C - 150°C	40# Calendared Kraft		1.00
Matte White Paper	High Performance	TT505	•			•	Fair	Emulsion Acrylic	1 mil	-40°C - 150°C	40# Calendared Kraft	UL50E	1.00
Permanent Adhesive	Standard Performance	TT728	•			•	Fair	Emulsion Acrylic	1 mil	-40°C - 150°C	40# Standard Kraft		.60
THERM	AL TRANS	FER RIBE	BONS										
Resin Black	Ultra-High Performance	TTRR-CR TTRR-B TTRR-D TTRR-V				•	Excellent					UL	0.88
Wax/Resin Black	High Performance	TTRR-A					Good					UL	0.67
Wax Black	Standard Performance	TTR				•	Fair					UL	0.30

STEP 4 REVIEWING THE AGENCY APPROVAL STATUS OF THE APPLICATION READY[®] DURABLE MATERIAL PORTFOLIOS

Labels requiring agency recognition can be confusing. The material selected for these Application Ready[®] Portfolios have already been tested and recognized by UL, cUL and CSA.

			ULF	Pre-Print (Only - No 1	TP (MH1	6225)	UL Pre-F	rint & T	TP On-De	mand (M	H16873)	UL 50E ¹	C	SA
	Face Stock	Laminations	Indoor Direct Print	Indoor Flood Print	Outdoor Exposure	cUL Indoor	cUL Outdoor	Indoor Direct Print	Indoor Flood Print	Outdoor Exposure	cUL Indoor	cUL Outdoor	Enclosure Type	Indoor	Outdoor
	TT433	Unlaminated						TTP Only							
	TT403	Unlaminated						TTP Only							
	TT416	Unlaminated						TTP Only							
POLYIMIDE	TT483	Unlaminated						TTP Only							
2	TT417	Unlaminated						TTP Only							
	TT451	Unlaminated						TTP Only							
	TT411	Unlaminated						TTP Only							
	TT481	Unlaminated						TTP Only							
	CP8010	TA1505													
	CP8007	TA1505													
	CP8005	TA1505													
	CP4004	TA467, TA468, TA9471, TA9472													
	CP4003	TA467, TA468, TA9471, TA9472													
	CP4001	TA467, TA468, TA9471, TA9472													
	CP4000	TA467, TA468, TA9471, TA9472													
Ħ	CP4106	TA467, TA468, TA9471, TA9472													
POLYCARBONATE	CP4105	TA467, TA468, TA9471, TA9472													
ARB	CP4102	TA467, TA468, TA9471, TA9472													
۲۷ ۲۷	CP4103	TA467, TA468, TA9471, TA9472													
8	CP4100	TA467, TA468, TA9471, TA9472													
	CP4151	TA467, TA468, TA9471, TA9472													
	CP4150	TA467, TA468, TA9471, TA9472													
	CP4152	TA467, TA468, TA9471, TA9472													
	CP4149	TA467, TA468, TA9471, TA9472													
	CP4148	TA467, TA468, TA9471, TA9472													
	CP4020	TA467, TA468, TA9471, TA9472													
	CP4202	TA467, TA468, TA9471, TA9472													
	CP4201	TA467, TA468, TA9471, TA9472													

			UL F	Pre-Print (Only - No [·]	TTP (MH1	5225)	UL Pre-	Print & T	TP On-De	mand (M	H16873)	UL 50E ¹	C	SA
	Face Stock	Laminations	Indoor Direct Print	Indoor Flood Print	Outdoor Exposure		cUL Outdoor	Indoor Direct Print	Indoor Flood Print	Outdoor Exposure	cUL Indoor	cUL Outdoor	Enclosure Type	Indoor	Outdoor
ന്	CP4200	TA467, TA468, TA9471, TA9472													
POLYCARB.	CP4214	TA467, TA468, TA9471, TA9472													
OLX	CP4212	TA467, TA468, TA9471, TA9472													
A	CP4211	TA467, TA468, TA9471, TA9472													
	TT756	L3000, L5001						Pending	Pending	Pending					
	ТТ700Р	Unlaminated, TT791, L194													
	TT700	Unlaminated				Pending									
	TT704(P)	Unlaminated, OL1000	Pending	Pending		Pending									
	TT701	Unlaminated													
	TT770	Unlaminated													
ĸ	TT748	Unlaminated													
POLYESTER	TT763	Unlaminated, TT791													
ОГЛ	TT762	Unlaminated													
ē	TT741	Unlaminated													
	TT703	Unlaminated													
	TT724	Unlaminated, TT791													
	TT730P	Unlaminated													
	TT734(P)	OL1001(P)													
	CP3010	Unlaminated													
ΝΙΝ	CP3100	Unlaminated, OL1001(P)													
VIN	CP3020	Unlaminated													
	TT727	Unlaminated													
4	TT601(P)	Unlaminated	Pending	Pending											
BOPP	TT600(P)	Unlaminated	Pending	Pending											
•	TT773	Unlaminated													
PAPER	CP1001	Unlaminated													
PAI	TT505	Unlaminated, LG4001OL													

Frequently Ask Questions About Agency Recognition for Labels

Why do labels require Agency Recognition? To ensure that the labels on agency certified products have the durability, permanency, and legibility to perform their intended function for the expected life of the product they are labeling.

How do UL & CSA evaluate the durability, permanency and legibility of labels? UL & CSA conduct a series of tests on submitted samples. Those tests include peel adhesion to the application surface type, exposure to specified chemicals (i.e. gasoline, motor oil), abrasion of print, heat exposure, and artificial outdoor durability.

What parts of the label require agency testing to qualify that label for application to an agency certified product? All components of the label must be included in the test sample for the resulting Agency Recognition to be valid. Those label components include adhesive, face stock, print treatment or topcoat, label design (positive print, negative print, flood coat print), print technology, ink/ribbon chemistry, and lamination or varnish.

How do I verify that the label material IDENTCO quoted is agency recognized? http://www.identco.com/resources/compliance-regulatory/

STEP 5

VALIDATION OF THE RECOMMENDED MATERIAL CONSTRUCTION TO ENSURE IT MEETS YOUR PERFORMANCE REQUIREMENTS

Validation is the final step in determining the right Application Ready[®] material construction. Our Product Development Lab tests IDENTCO'S recommended material construction against your current product or specifications to ensure we are delivering equal or better performance while obtaining a lower cost of ownership for your product identification solution.



Chemical Resistance

Test Objective: To determine the effect of specified chemicals on the permanency and legibility of pressure-sensitive materials and inks. Method and duration of chemical exposure is based on customer specifications or through modeling of potential exposures during a labeled product's life cycle.

UV Resistance

Test Objective: To determine the effect of exposure to UV light contained in sunlight on pressure-sensitive materials and printing inks. Acceleration of exposure is achieved through the use of an air-cooled xenon arc chamber. The length of exposure and pass/fail criteria are determine by customer specifications or industry accepted standards.



Temperature & Humidity

Test Objective: Through the use of our programmable test chamber we can test the effects of a single temperature and humidity condition, as well as programmed temperature and humidity cycling. This chamber provides IDENTCO the ability to determine the effects temperature and humidity have on both the label itself and the adhesion to a specific surface.



Peel Adhesion

Test Objective: To measure the force necessary to separate a pressure-sensitive film from an application surface to determine the performance of the adhesive in ensuring label permanency or removability. The angle and speed of peel is determined from customer specifications or ASTM D3000 Standards.





Abrasion Resistance

Test Objective: To determine the effect of abrasion and rubbing on pressure-sensitive materials and printing inks. Through the use of the Tabor Abraser, our lab can perform controlled, quantifiable abrasion testing with a range of severities and durations to meet customer specifications or industry standards such as cUL and CSA.

IP69K Pressure Wash Test

Test Objective: To determine the effects of a high-pressure water stream on pressure-sensitive materials and inks. The IP69K test conducted by our lab is a standardized test methodology for determining the resistance of an applied label to a water jet at a prescribed distance, pressure and at a range of angles.





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