

Durables

Performance in the real world



Durable Label Solutions with Unmatched Performance Across Demanding Industries

Durable equipment meant to last for years needs labels that can handle wear, strong chemicals, UV rays, and more.

Flexcon manufactures durable label materials to withstand a variety of harsh conditions, providing a sustainable and dependable solution for durable product labeling applications.

Leverage our expertise
At Flexcon, we partner with you to understand your application and help you avoid the failure modes that can compromise performance.

Our high-performance label substrates deliver exceptional durability, and consistent, high-quality print results every time.

From harsh environments to complex surfaces, our technical team tests materials under real-world conditions to develop the most advanced technologies in the industry.

Everything you need to support UL compliance
Our technical experts are ready to guide you through the process and will collaborate with you and UL to develop the best UL testing strategy.

With so many options, variables and potential questions, it’s vital to partner with a supplier who has the range of products and technical knowledge to help you select the most appropriate product for your application.



flexcon.com



FlexChoice™ Products



What’s the best solution for your label application?

Start with performance, end with reliability.

Durable labels are made to adhere to different kinds of substrates in challenging environments and maintain the integrity of the information being shared.

Your choice depends on many factors such as the printing method, application surface characteristics, and durability requirements along with the necessary levels of conformability and dimensional stability.

Start with the performance requirements of your durable label application to ensure success:
By answering these questions, you can identify the optimal material construction—ensuring durability, performance, and long-term reliability.

1. Application purpose
What role will the label play? Brand identification, track and trace, safety communication, regulatory compliance, or security.

2. Application environment
Where will it be used? Appliances, industrial equipment, outdoor equipment, automotive components, or electronics.

3. Surface type
What is the label applied to? Metals vs. plastics, coated vs. uncoated, smooth vs. textured surfaces—all impact adhesive performance.

4. Conformability
Will the label flex, bend, or wrap around curves or irregular shapes? Materials must maintain adhesion without lifting or cracking.

5. Exposure endurance
Will the label encounter chemicals, moisture, UV exposure, abrasion, or extreme temperatures?

6. Print method
What printing technology will be used? Matching the face stock to print requirements ensures durability and image clarity.



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Data presented is accurate as of August 2026 and subject to future updates.

Performance requirements:

What purpose will the label serve?

Understanding what the label needs to do is the first step in selecting the right substrate.

Display Important Information

Preserve brand integrity in demanding environments with durable labels and adhesives made to handle tough conditions.

Logo and product name labels must retain clarity, color, and adhesion despite exposure to heat, chemicals, and wear.

Safety, Warning, & Instructional

Safeguard against injuries and minimize liability by using durable labels that remain adhered and legible for the life of the product.

Rating plate labels provide key equipment information such as manufacturer, serial number, operating instructions and other required data.

Asset tag labels are used on machinery and equipment for identification and inventory tracking.

Choose from UL-recognized label materials in many colors and finishes. Tested in our DAP-certified lab to ensure label quality and performance.

Track & Trace

Meet regulatory durable labeling requirements for product identification and specifications while ensuring supply chain traceability through serialization, barcoding, and data integrity from manufacturing through end use.

Built to resist heat, chemicals, UV exposure, and abrasion, our materials help maintain legibility and adhesion over time.



Performance requirements:

What function will the label serve?

In addition to product identification materials, Flexcon offers advanced materials designed for functional applications.

Functional Applications

Security & Tamper Resistant

Protect products and brands with materials designed to show clear evidence of tampering. Options include destructible films, Void patterns, and Checkerboard designs that prevent unauthorized removal or reuse.

Typical applications include warranty seals, electronics labeling, authentication markings, and asset protection.

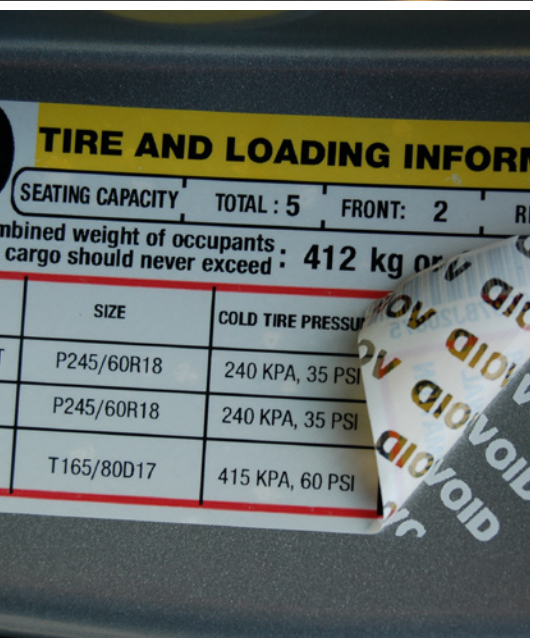
Bonding & Mounting

Durable tapes are also used for bonding applications. A high-performance adhesive can be the ideal alternative to mechanical fasteners. High-performance adhesive solutions can replace traditional mechanical fasteners such as screws or rivets. These materials enable cleaner designs, reduce weight, and improve durability.

Benefits include:

- Strong adhesion to challenging substrates
- Resistance to vibration and environmental stress
- Design flexibility and improved aesthetics
- Simplified assembly processes

Common uses include appliance assembly, automotive components, and electronics mounting.



Performance requirements:

Where will the label be applied?

Determining where the material will be applied helps define key requirements, including the appropriate material type, adhesive performance, and overall construction.

Consumer Goods

- Home appliances and electronics
- Home improvement tools
- Kitchenware, home furniture
- Personal care appliances
- Outdoor and fitness equipment



Automotive & Transportation

- Automotive
- Heavy duty trucks
- Rail
- Aerospace
- Off road vehicles such as tractors
- Agricultural equipment
- Recreational vehicles



Industrial (Chemicals, Equipment & Infrastructure)

- Manufacturing plants: chemicals, equipment
- Warehouse and logistics
- HVAC
- HazMat
- Defense
- Cables: network, power, electrical
- Off road construction machinery
- Electrical and electronics: PCBs, wire and cable
- Data centers: servers; racks, panels
- Energy: solar panels, wind energy applications, oil and gas equipment



Performance requirements:

On what type of surface will it be applied?

Surfaces such as plastics or metals can vary significantly due to a property called surface energy, which can be low, medium, or high. Knowing the type of surface will directly influence what type of material and adhesive is required.

Substrates

Metals

- Steel (stainless / carbon)
- Aluminum
- Copper / brass

Plastics

- High surface energy: PET, PC, PVC
- Low surface energy: PE, PP, TPO
- Engineered plastics: ABS, Nylon

Other Surfaces

- Glass
- Composites / fiberglass
- Wood / laminates
- Rubber

Textures

Smooth / Flat

- Polished
- Glossy coatings

Rough / Textured

- Matte finishes
- Cast or unfinished metals
- Powder-coated surfaces

Contaminated / Challenging

- Oily / greasy
- Dusty / dirty
- Sandblasted
- Chemically treated



Performance requirements:

Conformability

Conformability is an important consideration because it allows materials to move smoothly through the printing equipment, endure repeated flexing, and remain securely adhered to curved or irregular surfaces without peeling or lifting.

Stressors

- Mechanical stress
- Physical wear
- Constant movement or vibration
- Repeated abrasion or contact with other surfaces
- Curved or irregular shaped surface

Surface Geometry

Flat

- Panels
- Plates

Curved

- Cylinders (pipes, bottles)
- Rounded housings

Irregular / Complex

- Embossed
- Grooved
- Riveted or uneven
- Multi-contour shapes



Performance requirements:

Exposure endurance

Knowing the environment a label will be exposed to is essential for selecting the right material to resist abrasion, chemicals, UV exposure, and moisture while maintaining print durability, print clarity, and converting performance and compliance throughout the product's lifecycle.



Temperature Exposure

- High temperatures
- Cold or freezing temperatures
- Thermal stress
- Temperature swings
- Temperature at application vs. use
- Close contact with heated elements



Moisture & Weather Exposure

- Moisture and humidity
- Environmental and weather stress
- UV exposure / direct sunlight



Chemical Exposure

- Chemical and solvent exposure
- Gas and oil exposure
- Cleaning agents, oils, perfumes



Physical & Surface Durability

- Ink or paint
- Graffiti
- Tamper resistance



Safety & Electrical Exposure

- Flames or flammable liquids
- Static or electrical current exposure



Multi-layer Constructions

Engineered layers work together for superior label performance.

Topcoats

- Print Technologies
 - Digital
 - Conventional
- Surface Protection
 - Abrasion & Chemical Resistance
 - Anti-stat
- Aesthetic Appearance
 - Matte
 - Gloss

Films

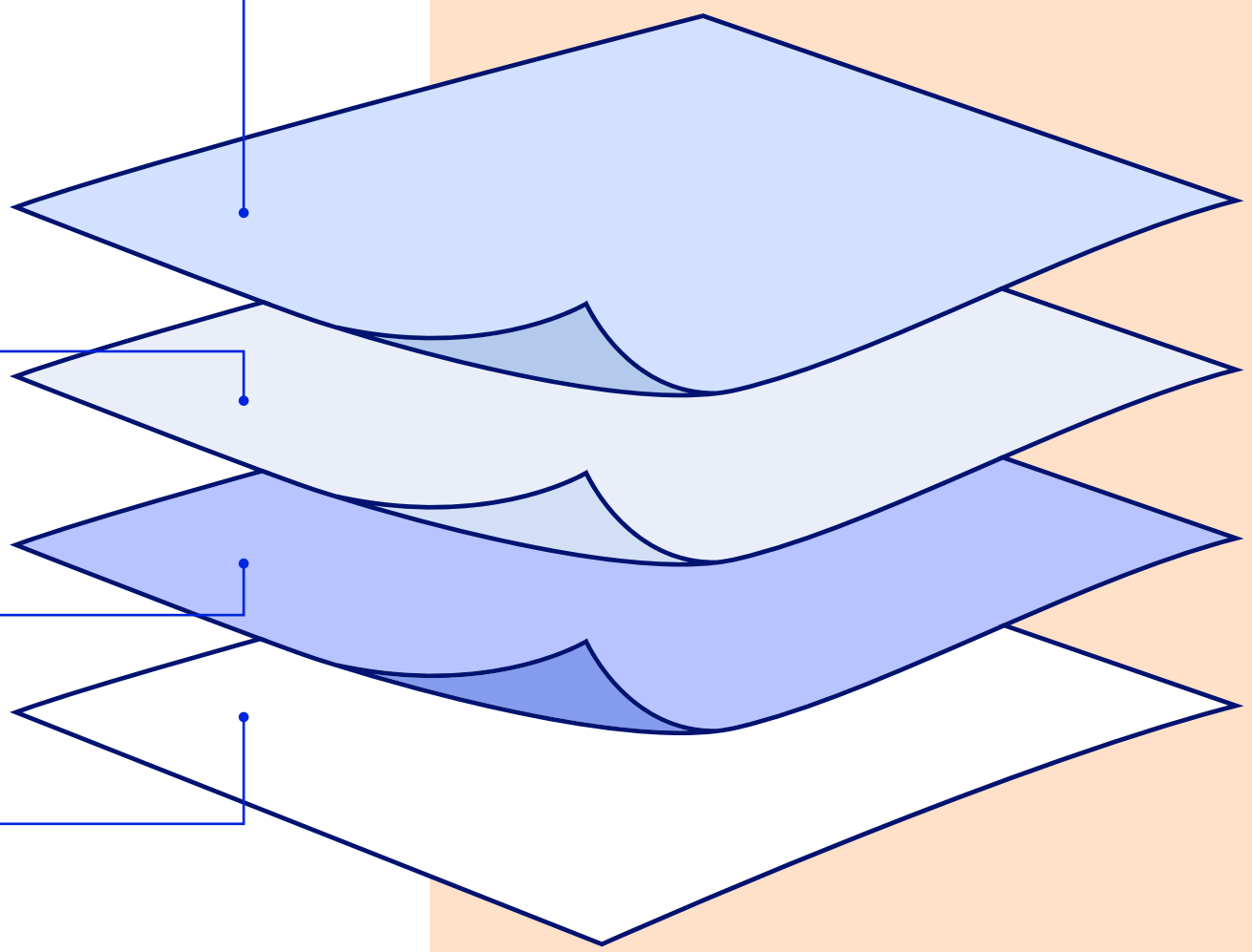
- Polyester
- Polyethylene
- Polypropylene
- Vinyl
- Tamper-evident

Adhesives

- Solvent acrylic
- Emulsion acrylic
- Proprietary adhesive blends

Liners

- Paper
- Coated paper
- Polyester
- Printable
- PCR (Post-Consumer Recycled)
- Air egress



Flexcon has the broadest range of UL-recognized products in the industry.

We offer a wide variety of durable UL- and cUL-recognized label stock and adhesive solutions. In fact, our products are UL-recognized for more applications and more surfaces than any other products in the industry.

All Flexcon materials are manufactured following strict Statistical Process Control (SPC) standards. However, compliance labels are held to an even higher standard. These products have been evaluated in our DAP-certified laboratory for compliance with UL 969, cUL, or CSA Group durability testing protocols. Many Flexcon products are also CSA Recognized to CSA C22.2 No. 0.15:15 requirements.

Durability Tests

For a label material to have UL recognition, it must pass a series of durability tests and remain legible.

The testing can include exposure to a range of temperatures, as well as exposure to various chemicals, including cooking oil, motor oil, laundry detergents, cleaning solutions and gasoline, along with many other solvents and chemicals. Materials must also pass abrasion testing and remain legible.

Flexcon’s dedicated and knowledgeable technical staff are available to review your UL file and work with you to develop a migration plan.



UL/cUL Compliance and Adoption Program

We understand the importance of compliance. Our goal is to provide the highest quality products at the lowest possible expense.

Work with Flexcon for Adoption

Working with UL, Flexcon has developed an industry leading adoption program. Once you identify the product you require for an application, please reach out to us. Our technical experts will guide you through this process.

Streamlined Quoting and Certification

- We work with you to develop a focused test plan to ensure it meets both your requirements and UL certification standards.
- You'll have an approved test plan, sample requirements, a testing timeline, and a quote for the final certification project.
- UL testing will then be conducted following this pre-established protocol and guidelines.

Leverage the knowledge of our technical experts for your UL/cUL and CSA adoption or certification.

Compliance simplified.



Flexcon Service Programs

We've streamlined our ordering programs to give you more control and faster access to our solutions.

Flexcon® FlexChoice™

A fixed-length, any-width product selected from standard options.

- Choose from predefined configurations
- Leave the off-cuts with us

Quick-Ship

Wide-web rolls finished to your specifications.

- Minimum order: full web width



FlexChoice™ Durables Products

This program allows you to order custom widths of specific products with smaller minimums, and fast turnaround. Visit www.flexcon.com/FlexChoice to view the list of products, locations, and minimums.

FLX#	Flexcon® Products	2,500' Rolls, +/- 10% 3" core	5,000' Rolls, +/- 10% 3" core	Availability
000303	DPM® CG	●		CA, MA, NE
000464	ThermiFilm Select® 10852	●		CA, MA, NE
000306	DPM® FW		●	CA, MA, NE
000308	DPM® FWS		●	CA, MA, NE
054108	ThermiFilm® NexGen™ 20120		●	CA, MA, NE
054110	ThermiFilm® NexGen™ 23120		●	CA, MA, NE
054109	ThermiFilm® NexGen™ 21120		●	CA, MA, NE
054103	ThermiFilm® NexGen™ 21110		●	CA, MA, NE



Topcoat Guide

Broad-spectrum printability
Superior topcoats enhance ink adhesion, which enables consistent cross-platform printability and ultimately reduces the number of SKUs required.

Resilient coating technology
Excellent resistance to abrasion, chemicals, UV exposure, and moisture, ensuring long-lasting and durable prints.

Industrial strength
High-temperature-resistance designed for industrial use, offering superior scratch resistance.

Superior surface smoothness
Designed to provide a consistently smooth surface, enhancing print quality and clarity. This smoothness also contributes to better diecutting and overall converting efficiency.

	Conventional								Digital										
	Screen		Flexo		Offset		Letterpress		Thermal Transfer					Preferred Substrates					
	Solvent	UV	Water & Solvent	UV	UV	Oil	UV	Hot Stamp	Resin	Combo (wax/resin)	Wax	UV Wide Format	UV Narrow Format	Laser	Xeikon Dry Toner	Polyester	Vinyl	Polypropylene	Polyethylene
Gloss Topcoats																			
TC-716	●	●	●	●	●		●	●	●	●		●	●	□	●	●	●	●	●
TC-348	●	●	●	●	●		●	●	●	●		●		□	●	●	●	●	●
TC-387	●	●	●	●	●		●	●	●	●						●			
TC-390	●		□						●	●						●			
TC-106			●						□	□							●		
TC-853	□	●	●	●			●	●	●	●			●					●	
Matte Topcoats																			
MTC-722	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●
MTC-329*	●	●	●	●	●	●	●		□	●	●			●	●	●			
Specialty Topcoat																			
MTC-294									●	◇						●		●	

Adhesive Guide

For seven decades, Flexcon’s leadership in adhesive technologies has revolutionized thousands of products across dozens of industries. Flexcon’s adhesive technologies are engineered to meet the toughest bonding challenges across a wide variety of materials and environments.

Versatile surface compatibility
Reliable performance on metal surfaces, including bare, powder-coated, and painted finishes, as well as a wide range of plastic substrates like polyesters, polyolefins, and low surface energy plastics.

Consistent performance
Formulated to work effectively on textured, smooth, flexible, aluminum, and composite materials, addressing challenges such as outgassing.

Balanced adhesive strength
Our adhesives balance tack, peel, and shear strength to ensure optimal bond performance, providing initial grab, resistance to label removal, and stability under stress.

Precision performance
Designed for demanding environments, our adhesives offer a synergistic formula that ensures long-lasting adhesion and resistance to edge lifting or sliding.

This guide provides an overview of our proven adhesive solutions, categorized by type and application.

Application Substrate Surface Energy				Performance Attributes								Applications			
				General Purpose	High Performance	Permanent	High Clarity	High-temp Resistance up to 302°F (150°C)	Outdoor Durable	Chemical Resistance	Moisture Resistance	UL Recognition	Labels	Graphics	Tapes
Low	Med	High	Adhesive												
	○	●	L-10	●		●	●		●	●	●	●	●		
	○	●	L-29, V-29	●		●	●	●	●	●	●	●	●		
	○	●	L-88	●		●					●	●	●		
	○	●	L-156	●		●		●		●		●	●		
	○	●	L-157	●		●	●					●	●		
	○	●	L-344, V-344	●		●		●	●	●		●	●		●
	○	●	L-361*	●		●						●	●		
	○	●	L-606, V-606		●	●		●	●	●		●	●		●
○	○	●	L-778, V-778		●	●		●	●	●		●	●		●
	○	●	V-22	●		●	●			●			●		
	○	●	L-224, V-224*	●		●				●		●	●		
	○	●	V-344DL		●	●			●	●			●		

An "L" in the adhesive name indicates UL approval. *Emulsion adhesive.



Liner Guide

Engineered for precision

Our liners offer superior layflat performance, ensuring consistent results in roll-to-roll, roll-to-sheet, and sheet-fed applications.

Improved handling

Designed for high-speed dispensing and matrix stripping, these liners keep your production lines moving without compromise.

Thinner version of TracRite™ 150 is available for tight registration, high speed matrix stripping and dispensing.

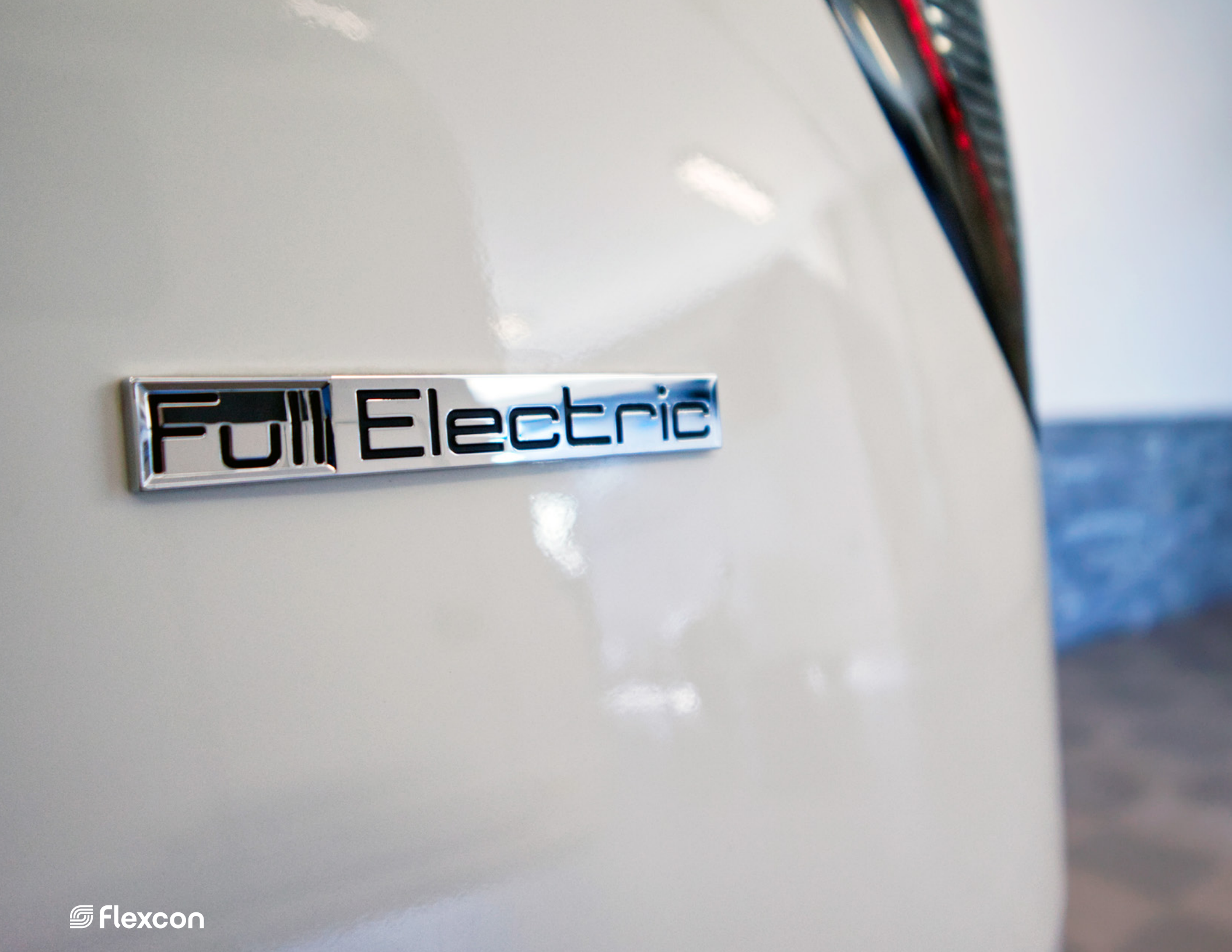
Clean, reliable processing

Select liners feature an anti-static coated backside to reduce static buildup during converting—minimizing dust attraction and ensuring smooth, uninterrupted performance in high-speed and precision applications.

Even surface for strong bonding

Polyester and paper release liners provide an excellent die-cutting base and provide superior on-press performance for tight-registration graphics.

Description	Substrate	Coating Side	Printable	Target Caliper Thickness	Converting	Additional Information
Liners				Mils (microns)		
42 White PP-8	One-side extruded paper	Poly coated one side. Release coated on the poly coated side.	Yes	3.00 ± 10% (76)	Overlaminating	Use for all grades of overlaminating films. Economy grade white overlaminating liner. Not recommended for applications when overlaminating solid dark colors or metalized films.
44PP-8	One-side extruded paper	Poly coated one side. Release coated on the poly coated side.	Yes	3.20 ± 10% (81)	Roll	Use for applications requiring high-speed dispensing and fast-speed matrix stripping. Liner has improved smoothness and diecutability versus Kraft liners. Backside printable.
50# Kraft	Kraft paper	Release coated one side.	Yes	3.10 ± 10% (79)	Roll	Use for applications requiring hand dispensing and thermal printer label sensing.
50# PCR	Kraft paper PCR	Release coated one side.	Yes	3.10 ± 10% (79)	Roll	Use for applications requiring hand dispensing and thermal printer label sensing.
60 LA PFW	Two-side extruded paper	Poly coated and differential release coated two sides.	No	4.60 ± 10% (117)	Roll, Sheet, Specialty	Use for roll-to-roll or roll-to-sheet converting with laminating adhesive and double-faced constructions.
71B PMO-8	One-side extruded paper	Poly coated one side. Release coated on the poly coated side.	Yes	4.60 ± 10% (117)	Overlaminating	Use for applications requiring improved smoothness and flow-out of adhesive on the overlaminating film.
77 PRT PFW TR	Two-side extruded paper	Poly coated two sides. Release coated one side. Anti-static coated backside.	No	5.45 ± 10 % (138)	Roll, Sheet	Reduced caliper layflat liner intended for converting roll-to-sheet. Anti-static coated on the backside.
84 LA PFT	Two-side extruded paper	Poly coated and differential release coated two sides.	No	6.40 ± 10% (163)	Roll, Sheet, Specialty	Use for roll-to-sheet converting with laminating adhesives and double-faced constructions requiring good layflat qualities.
90#	Two-side extruded paper	Poly coated two sides. Release coated one side.	No	6.80 ± 10% (173)	Roll, Sheet	Standard sheet-form liner. Has superior layflat qualities.
92 LZR	Two-side extruded paper	Poly coated two sides. Release coated one side.	No	7.25 ± 10 % (184)	Roll, Sheet	Designed for use through flexographic presses and subsequent imaging in tabletop and big-box laser printers.
92# Air Egress	Two-side extruded	Poly coated two sides. Release coated one side. Release side has air egress embossing.	No	7.25 ± 10 % (184)	Roll, Sheet	Excellent layflat release liner properties for printing and converting. Air egress (non-logoed) channeled release liner that reduces entrapment of air.
100 Poly H-9, TracRite™ 92	Polyester film	Release coated one side.	No	0.92 ± 5% (23)	Roll	Thinner version of TracRite™ 150 for tight registration, high speed matrix stripping and dispensing. This 1.0 mil ultra-smooth release liner is designed to provide superior on-press performance for tight-registration graphics.
92 Poly H-9 PCR	PCR polyester film	Release coated one side.	No	0.92 ± 5% (23)	Roll	Thinner PCR version of TracRite™ 150 for tight registration, high speed matrix stripping and dispensing. The 1.0 mil ultra-smooth release liner designed to provide superior on-press performance for tight-registration graphics.



Transfer Tape Products

High-performance adhesives

Versatile transfer tape adhesives deliver high shear strength and excellent adhesion to metals, high-surface energy plastics, and various surfaces. Whether you're working with smooth surfaces or tackling rough and textured ones, our adhesives deliver exceptional performance, ensuring a strong and reliable bond every time.

Engineered for demanding surfaces

Our flexible transfer tapes are precision designed to bond confidently across rigid, flat, and flexible surfaces—smooth or textured—making them ideal for high-performance industrial, automotive, RFID, and electronics applications.



UL certifications

Unlock fast market access and significant savings with our UL certified 969 durable transfer tapes. Experience reduced costs and quicker turnaround times, ensuring your products hit the market faster and more efficiently.

FLX#	FlexChoice™	Description	UL Recognized	Product Construction		MOQ (MSI)	Master Width	Service Temperature Range
				Adhesive	Liner			
Transfer Tapes								
000487		FlexMount® TT 200 L-344 60 LA PFW	●	L-344	60 LA PFW	500	60"	-40°F - 302°F
000488		FlexMount® TT 200 L-606 60 LA PFW	●	L-606	60 LA PFW	500	60"	-40°F - 302°F
000562		FlexMount® TT 200 L-606 84 LA PFT	●	L-606	84 LA PFT	500	60"	-40°F - 302°F
000564		FlexMount® TT 400 L-606 84 LA PFT	●	L-606	84 LA PFT	500	60"	-40°F - 302°F
000491		FlexMount® TT 400 L-606 60 LA PFW	●	L-606	60 LA PFW	500	60"	-40°F - 302°F
012729		FlexMount® TT 200 V-778 84 LA PFT		V-778	84 LA PFT	500	60"	-40°F - 302°F



Overlamine Products

Durability that delivers

Providing protection against environmental factors such as UV rays, moisture, and abrasion, our overlaminates ensure your graphics maintain their integrity over time resulting in extended lifespan and reducing maintenance costs.

Outdoor durability

Engineered to safeguard inks and the base substrate, ensuring long-lasting durability, while offering reliable protection for diverse indoor applications across various usage periods and providing outstanding 7-year outdoor anti-graffiti protection to maintain surface integrity and appearance in challenging environments.

Gloss and matte finish

We offer a variety of finishes, including clear, gloss, velvet embossed, and matte, to enhance and protect your surfaces with both aesthetic appeal and durability.

Printability

Our durable overlaminates protect printed graphics from UV rays, moisture, scratches, temperature extremes, abrasion, and chemicals. Select products are compatible with various printing techniques, including flexo, screen, letterpress, offset, and thermal transfer, making them ideal for durable signage, labels, and decals.

Abrasion resistant

Provides exceptional protection against wear and tear, ensuring surfaces remain pristine and durable even under heavy use.



Overlamine Products

Overlamine Products Printability

FLX#	FlexChoice™	Description	UL Recognized	Product Construction				Film Thickness (Mils)	Surface or Finish	MOQ (MSI)	Master Width	Outdoor Exposure (Years)	Conventional						Digital						
													Screen		Flexo		Offset		Thermal Transfer			Inkjet		Laser	
				Solvent	UV	Water & Solvent	UV						UV	Oil	Resin	Combo	Wax	UV Wide Format	UV Narrow Format	Toner	Service Temperature Range				
Printable Overlamines																									
000464	●	ThermIFilm Select® 10852	●+	TC-387	L-157	44PP-8	1.0	Gloss	500	60"	2	●	●	●	●		●	●							-40°F - 302°F
012395		CompuCal® Excel™ 10442	●+	MTC-722	L-344	100 Poly H-9	1.0	Matte	500	60"	2	●	●	●	●		●	●	●	●	●	●			-40°F - 302°F
Overlamines																									
000303	●	DPM® CG	●+		L-344	100 Poly H-9	1.0	Gloss	500	60"	2														-40°F - 302°F
000324		DPM® UVCG	●+		L-10	100 Poly H-9	1.0	Gloss	500	60"	5														-40°F - 302°F
000304		DPM® CM	●+		L-344	100 Poly H-9	1.0	Matte	500	60"	2														-40°F - 302°F
000233		Classics Plus® 10092	●+		L-157	100 Poly H-9	1.0	Gloss	500	60"	2														-40°F - 302°F
000609		Classics Plus® 13092	●+		L-157	100 Poly H-9	1.0	Matte	500	60"	2														-40°F - 302°F
000279		Classics Plus® 20092	●		L-157	100 Poly H-9	2.0	Gloss	500	60"	2														-40°F - 302°F
🍃 070307		DPM® EcoFocus® OM 100 Clear PCR L-344 92 Poly H-9 PCR	●		L-344	92 Poly H-9 (PCR)	1.0	Gloss	500	60"	2														-40°F - 302°F
069283		DPM® TCG			V-22	42 White PP-8	1.0	Gloss	500	60"	10														-40°F - 225°F
000360		FlexMark® OL 300 Clear Velvet L-29 71B PMO-8	●+		L-29	71B PMO-8	3.0	Velvet	500	54"	Indoor														-40°F - 212°F
000361		FlexMark® OL 500 Clear Velvet L-29 71B PMO-8	●+		L-29	71B PMO-8	5.0	Velvet	500	54"	Indoor														-40°F - 212°F

Vinyl Products

Conformable solutions

Our vinyl products offer excellent dimensional stability and consistent surface smoothness, ensuring good conformability.

Drum label solutions

Excellent resistance to chemicals, moisture, smudging, and scratching, with a 2-year outdoor durability and compliance with BS 5609 Section 2 (saltwater immersion).

Strong permanent adhesive suitable for various surfaces (painted steel, fiber, and plastic drums), applicable at low temperatures, and easy removal during reconditioning.

Compatible with multiple printing methods, efficient converting and application handling, and a unique matte topcoat for extended die life and versatile printing options.

UL certifications

Our products are UL Recognized under UL 969 (File No. PGGU2. MH10170), CSA accepted under CSA File No. 99214 for Marking and Labeling System Materials and cUL Certification for Marking and Labeling System Materials certified for Canada.

Outdoor durability

Flexcon's vinyl products offer robust outdoor durability, maintaining their integrity for 2 to 5 years.

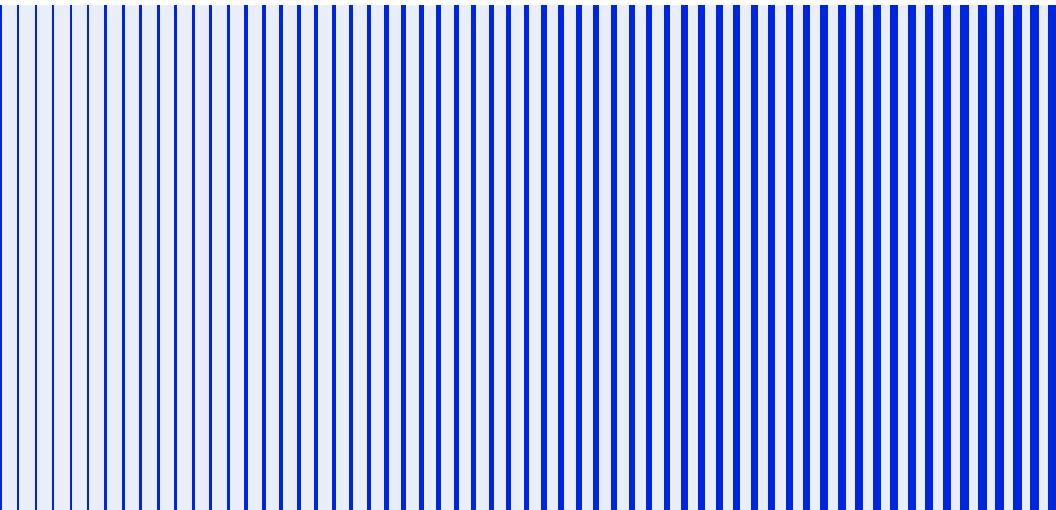
Printability

The print-receptive and topcoated surfaces are compatible with most conventional and UV ink systems, ensuring broad usability. Suitable for various printing techniques, including thermal transfer (resin and wax/resin), UV and solvent screen, UV, solvent & water flexo, laser (toner), and narrow-format UV inkjet, with a liner that supports optical sensing on most thermal transfer printers.

Bonding

The permanent acrylic adhesive bonds well to both low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate, and fiberglass offering high initial tack and ultimate bond strength, even on rough textured surfaces, with a high-performance modified acrylic adhesive (L-778) that is particularly aggressive on low surface energy plastics.

Durability meets purpose.



Vinyl (PVC) Products

Vinyl (PVC) Products Printability

FLX#	FlexChoice™	Description	UL Recognized	Product Construction				Film Thickness (Mils)	Surface or Finish	MOQ (MSI)	Master Width	Outdoor Exposure (Years)	Conventional						Digital					
													Screen		Flexo		Offset		Thermal Transfer			Inkjet		Laser
				Solvent	UV	Water & Solvent	UV						UV	Oil	Resin	Combo	Wax	UV Wide Format	UV Narrow Format	Toner	Service Temperature Range			
White																								
000306	●	DPM® FW	●+	TC-348	L-344	50# Kraft	3.4	Gloss	500	60"	5	●	●	●	●	●		●	●		●		●	-40°F - 176°F
000308	●	DPM® FWS	●+		L-344	90#	3.4	Gloss	500	60"	5	●	●	●				□	□		●		●	-40°F - 176°F
000307		DPM® FWRTS*	●	TC-348	L-344	50# Kraft	3.4	Gloss	500	60"	5	●	●	●	●	●		●	●		●		□	-40°F - 176°F
000309		DPM® FWSRTS*	●		L-344	90#	3.4	Gloss	500	60"	5	●	●	●				□	□		●		●	-40°F - 176°F
🍃 068961		Flexcon® NexGen™ WV778	●	TC-716	L-778	50# Kraft PCR	3.4	Gloss	500	60"	2	●	●	●	●	●		●	●	●	●	●		-40°F - 176°F
004325		FlexMark® V 400 F White TC-106 L-156 Spec 50K/Q-8	●	TC-106	L-156	50# Kraft/Q	3.4	Gloss	500	60"	5			●				□	□					-40°F - 176°F
004115		FlexMark® V 400 F White L-156 90 PFW	●		L-156	90#	3.4	Gloss	500	60"	2	●	●	●	●			□	□				●	-40°F - 176°F
059531		Classics Plus® 41145	●		L-224	50# Kraft	3.4	Gloss	500	60"	2	●	●	●	●			□	□				●	-40°F - 176°F
069798		DPM Aply® 4WVSAE	●		L-344	90# AE	3.4	Gloss	500	60"	2	●	●	●	●			□	□				●	-40°F - 176°F
000299		ConformCal™ V 400 F SW V-29 90 PFW			V-29	90#	3.5	Gloss	500	60"	2	●	●	●	●			□	□				●	-40°F - 176°F
000332		DrumCal™ 41028	BS 5609		V-224	92IZR	3.1 mil	Gloss	500	54"	2	●	●	●	●			□	□				●‡	-40°F - 176°F
069117		DrumCal™ 41743	BS 5609	MTC-722	V-344DL	77 PRT PFW TR	3.1 mil	Gloss	500	54"	2	●	●	●	●	●		●	●	●	●	●	●	-40°F - 176°F
Clear																								
000409		FlexMark® V 400 Frosty Clear TC-106 L-29 Spec 50K-8	●	TC-106	L-29	50# Kraft	3.5	Gloss	500	60"	2			●				□	□					-40°F - 176°F
000298		ConformCal™ V 400 F SC V-29 90 PFW			V-29	90#	3.5	Gloss	500	60"	2	●	●	●	●			□	□				●	-40°F - 176°F



🍃 Contains post-consumer recycled material to support circularity.
*Indicates greater than 1.0 mil adhesive thickness.
‡cUL recognized and CSA accepted

□ Limited testing.
‡With press applied varnish.

Polyester Products

Color selection

We offer a variety of colors, including clear, silver, silver matte, satin silver, and white.

UL certifications

Highly recognized for their quality and compliance, our PET products meet stringent safety and performance standards, including UL Recognized under UL 969, cUL Certified for Canada and CSA Accepted under CSA File No. 99214.

Security labels

Designed for tamper-evident applications, featuring a strong acrylic adhesive that bonds to various surfaces, including powder-coated paint and metal. The solutions are engineered to expose a Void or Checkerboard pattern upon attempted label removal.

Surface types and texture handling

Ensures consistent surface smoothness and excellent dimensional stability, even under varying temperatures. Our PET products offer robust resistance to chemicals, moisture, smudging, and scratching, making it ideal for handling diverse surface types and textures.

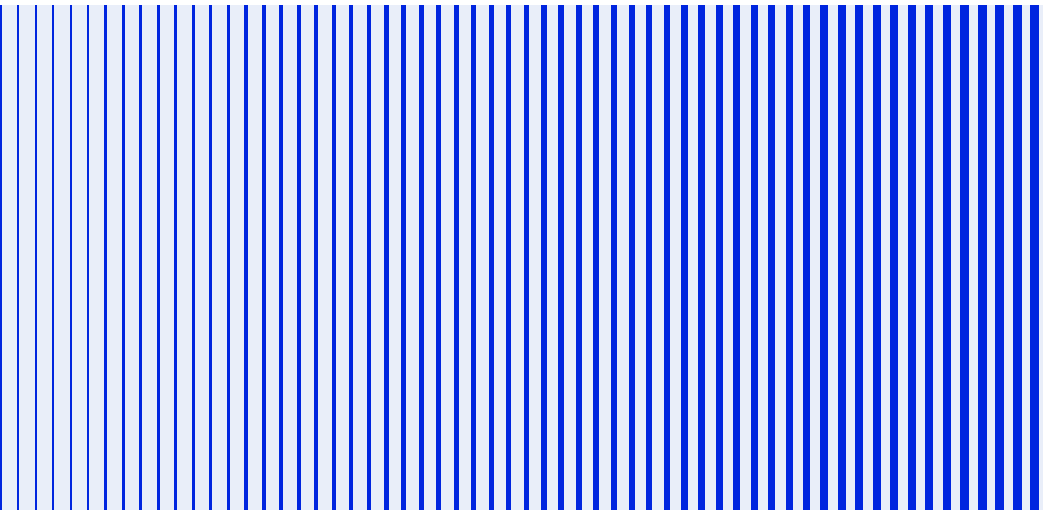
Reflective. Reliable. Ready.

High reflectivity

Flexcon® ReflectaMark® offers excellent scannability from greater distances, making it ideal for long-range barcode scanning in warehouse applications. Its glass bead reflective coating provides higher reflectivity and reflects from a longer distance than standard promotional grade film. Additionally, it supports versatile printability across various technologies and offers robust outdoor durability for safety and visibility applications.

Printability

Flexcon’s polyester products support a wide range of printing technologies—including thermal transfer, flexographic, screen, and UV inkjet—delivering excellent print quality with resistance to smudging and abrasion. They are compatible with both resin and wax/resin thermal transfer ribbons and are suitable for optical sensing in most thermal transfer printers.



Polyester (PET) Products

Polyester Products (PET) Printability

FLX#	FlexChoice™	Description	UL Recognized	Product Construction				Conventional										Digital								
								Screen		Flexo		Offset		Thermal Transfer			Inkjet		Laser	Service Temperature Range						
				Topcoat	Adhesive	Liner	Film Thickness (Mils)	Surface or Finish	MOQ (MSI)	Master Width	Outdoor Exposure (Years)	Solvent	UV	Water & Solvent	UV	UV	Oil	Resin	Combo		Wax	UV Wide Format	UV Narrow Format	Toner		
Clear																										
	054108	●	ThermIFilm® NexGen™ 20120	●+	TC-716	L-344	50# Kraft PCR	2.0		Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	068694		Flexcon® NexGen™ CP344S	●	TC-716	L-344	90#	2.0		Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	068695		Flexcon® NexGen™ CP606H*	●	TC-716	L-606	50# Kraft PCR	2.0		Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	068696		Flexcon® NexGen™ CP606HS*	●	TC-716	L-606	90#	2.0		Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	066940		DPM® LSE™ PM 200 Clear TC-716 L-778 PCR 50K-8 (1.2-1.3)*	●	TC-716	L-778	50# Kraft PCR	2.0		Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	054102		ThermIFilm® NexGen™ 20110	●+	TC-716	L-361	50# Kraft PCR	2.0		Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	000282		CompuCal® Excel™ 20440	●+	MTC-722	L-344	50# Kraft	2.0		Matte	500	60"	2	●	●	●	●	●		●	●	●	●	●		-40°F - 302°F
	070308		DPM® EcoFocus® PM 200 Clear PCR TC-716 L-344 PCR 50K-8	●	TC-716	L-344	50# Kraft PCR	2.0		Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
Silver Matte																										
	054110	●	ThermIFilm® NexGen™ 23120	●+	TC-716	L-344	50# Kraft PCR	2.0		Gloss	500	54"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	054107		ThermIFilm® NexGen™ 23110	●+	TC-716	L-361	50# Kraft PCR	2.0		Gloss	500	54"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	000470		ThermIFilm Select® 22940	●+	TC-390	L-344	50# Kraft	2.0		Gloss	500	54"	2	●		●				●	●					-40°F - 302°F
	000471		ThermIFilm Select® 22970	●+	TC-390	L-606	50# Kraft/Q	2.0		Gloss	500	54"	2	●		●				●	●					-40°F - 302°F
	068715		Flexcon® NexGen™ SMP344S	●	TC-716	L-344	90# PFW	2.0		Gloss	500	54"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	068716		Flexcon® NexGen™ SMP606H*	●	TC-716	L-606	50# Kraft PCR	2.0		Gloss	500	54"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F



 Contains post-consumer recycled material to support circularity.
*Indicates greater than 1.0 mil adhesive thickness.
*cUL recognized and CSA accepted

Polyester (PET) Products

Polyester (PET) Products Printability

FLX#	FlexChoice™	Description	UL Recognized	Product Construction				Film Thickness (Mils)	Surface or Finish	MOQ (MSI)	Master Width	Outdoor Exposure (Years)	Conventional						Digital					
													Screen		Flexo		Offset		Thermal Transfer			Inkjet		Laser
				Topcoat	Adhesive	Liner	Solvent						UV	Water & Solvent	UV	UV	Oil	Resin	Combo	Wax	UV Wide Format	UV Narrow Format	Toner	Service Temperature Range
Bright Silver																								
	000286	CompuCal® Excel™ 22440	● ⁺	MTC-722	L-344	50# Kraft	2.0	Matte	500	60"	2	●	●	●	●	●		●	●	●	●	●	●	-40°F - 302°F
🍃	068709	Flexcon® NexGen™ SP344	●	TC-716	L-344	50# Kraft PCR	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	000322	DPM® SS†	●		L-344	90# PFW	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		□	●		-40°F - 302°F
Satin Silver																								
🍃	054111	ThermIFilm® NexGen™ 24120	● ⁺	TC-716	L-344	50# Kraft PCR	2.0	Satin	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
🍃	054105	ThermIFilm® NexGen™ 24110	● ⁺	TC-716	L-361	50# Kraft PCR	2.0	Satin	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
Bright Brush Stainless																								
🍃	054112	ThermIFilm® NexGen™ 25120	● ⁺	TC-716	L-344	50# Kraft PCR	2.0	Brushed Stainless	500	54"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
White																								
🍃	054109	● ThermIFilm® NexGen™ 21120	● ⁺	TC-716	L-344	50# Kraft PCR	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
🍃	054103	● ThermIFilm® NexGen™ 21110	● ⁺	TC-716	L-361	50# Kraft PCR	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	068700	Flexcon® NexGen™ WP344S	●	TC-716	L-344	90#	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
🍃	068701	Flexcon® NexGen™ WP606H*	●	TC-716	L-606	50# Kraft PCR	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
	068702	Flexcon® NexGen™ WP606HS*	●	TC-716	L-606	90#	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
🍃	068703	Flexcon® NexGen™ WP778	●	TC-716	L-778	50# Kraft PCR	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F



†Film is printed treated

 Contains post-consumer recycled material to support circularity.
*Indicates greater than 1.0 mil adhesive thickness.
*cUL recognized and CSA accepted

□ Limited testing.

Polyester (PET) Products

Polyester (PET) Products Printability

FLX#	FlexChoice™	Description	UL Recognized	Product Construction				Film Thickness (Mils)	Surface or Finish	MOQ (MSI)	Master Width	Outdoor Exposure (Years)	Conventional						Digital					
													Screen		Flexo		Offset		Thermal Transfer			Inkjet		Laser
				Topcoat	Adhesive	Liner	Solvent						UV	Water & Solvent	UV	UV	Oil	Resin	Combo	Wax	UV Wide Format	UV Narrow Format	Toner	Service Temperature Range
White con't.																								
063956		ThermiFilm® PM 200 White TC-716 L-778 90 PFW (1.3-1.4)*	●	TC-716	L-778	90#	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
000284		CompuCal® Excel™ 21440	●+	MTC-722	L-344	50# Kraft	2.0	Matte	500	60"	2	●	●	●	●	●	●	●	●	●	●	●	●	-40°F - 302°F
000285		CompuCal® Excel™ 21449	●	MTC-722	L-344	92 IZR	2.0	Matte	500	60"	2	●	●	●	●	●	●	●	●	●	●	●	●	-40°F - 302°F
070437		ThermiFilm® ChemGard™ 21361V2 2.0 White PET, Matte TC, Hi-Perf Adh, Roll Liner UL	●	MTC-294	L-606	50# Kraft	2.0	Matte	500	60"	2							●◊						-40°F - 302°F
🌿 070334		DPM® EcoFocus® PM 200 White PCR TC-716 L-344 PCR 50K-8	●	TC-716	L-344	50# Kraft PCR	2.0	Gloss	500	60"	2	●	●	●	●	●		●	●		●	●		-40°F - 302°F
Industrial - White																								
🌿 000327		DrumCal™ 21043^	BS 5609		V-344DL	77 PRT PFW TR	2.0	Gloss	500	54"	2	●	●	●	●			●	●				●	-40°F - 302°F
054552		ReflectaMark® PM 400 White Reflective V-344 50K-6			V-344	50# Kraft	4.0	Reflective	500	48"	2	●			◻	◻		●	●					-40°F - 302°F
055420		ReflectaMark® PM 400 White Reflective V-344 90 PFW			V-344	90#	4.0	Reflective	500	48"	2	●			◻	◻		●	●					-40°F - 302°F
Security - Silver & White																								
006999		CompuCal II® TamperMark™ MM 200 Silver Void MTC-329 L-156 Spec 50K/Q-8	●	MTC-329	L-156	50# Kraft	2.0	Matte	500	54"	2	●	●	●	●	●		◻	●	●	●	●		-40°F - 302°F
007007		CompuCal II® TamperMark™ MM 200 Silver Checkerboard MTC-329 L-156 Spec 50K-8	●	MTC-329	L-156	50# Kraft	2.0	Matte	500	54"	2	●	●	●	●	●		◻	●	●	●	●		-40°F - 302°F
051476		ThermiFilm® TamperMark™ PM 200 White Void II TC-390 L-344 Spec 50K-8	●	TC-390	L-344	50# Kraft	2.0	Gloss	500	60"	2	●	●		●	●	●	●	●					-40°F - 302°F



^Film is printed receptive

🌿 Contains post-consumer recycled material to support circularity.
*Indicates greater than 1.0 mil adhesive thickness.
+cUL recognized and CSA accepted

◻ Limited testing. ◊Ricoh B110CU

Polyolefin Products

UL certifications
UL/cUL Recognized for indoor and limited outdoor use, meeting UL 969 standards (UL File No. PGJI2.MH16635) and cUL standards for Canada (UL File No. PGJI8.MH16635) under CAN/CSA standard C22.2, No. 0.15.

Secure and destructible
Our destructible white polyethylene security label material is designed to destruct or distort easily, providing tamper-evident protection.

Outdoor durability
Designed to withstand outdoor conditions, our polyolefin products are known for their robust durability, ensuring they meet the needs of different outdoor durability requirements.

Printability
Optimized for a wide range of printing technologies, delivering exceptional ink receptivity and high-quality print results.

Sustainability and converting efficiency
These materials are engineered with recyclability in mind and also optimized for clean, efficient laser die-cutting, helping converters reduce waste and improve throughput during production.

Sustainability
meets
performance.



FLX#	FlexChoice™	Description	UL Recognized	Product Construction				Film Thickness (Mils)	Surface or Finish	MOQ (MSI)	Master Width	Outdoor Exposure (Years)	Conventional						Digital						Service Temperature Range
													Screen		Flexo		Offset		Thermal Transfer			Inkjet		Laser	
				Topcoat	Adhesive	Liner	Solvent						UV	Water & Solvent	UV	UV	Oil	Resin	Combo	Wax	UV Wide Format	UV Narrow Format	Toner		
Durables - White																									
	055049	ThermiFilm® NexGen™ PP31210	●	TC-853	L-361	50# Kraft PCR	2.3	Gloss	500	60"	Indoor		●	●	●		●	●			●			-40°F - 176°F	
	068544	Flexcon® NexGen™ WPP344	●	TC-716	L-344	50# Kraft PCR	4.0	Gloss	500	60"	5	●	●	●	●	●	●	●		●	●		●	●	-40°F - 176°F
	068532	Flexcon® NexGen™ WPP344S	●	TC-716	L-344	90#	4.0	Gloss	500	60"	5	●	●	●	●	●	●	●		●	●		●	●	-40°F - 176°F
Security - White																									
	000440	ThermiFilm® PE 200 White Destruct TC-387 L-88 Spec 50K-8	●	TC-387	L-88	50# Kraft	2.0	Gloss	500	54"	Indoor	●	●	●	●	●	●	●							-40°F - 200°F

Supporting Businesses Globally

In 1956, Myles McDonough pioneered the first pressure-sensitive film product in a Spencer garage, breaking away from the industry's focus on high-volume commodity products. His vision was to meet the unique needs of innovators seeking new applications for pressure-sensitive films.

Today, 70 years later, Flexcon continues this legacy, serving diverse industries such as packaging, electronics, durables, and healthcare.

Flexcon is a trusted manufacturing partner, known for turning innovative ideas into reality. With decades of expertise, Flexcon supplies adhesives, films, and coating technologies for the durables industry, supporting applications including industrial equipment, consumer durables, automotive components, electronics, security labeling, outdoor signage and product identification across a wide range of surfaces and environmental conditions.

Spencer, Massachusetts, USA

Mississauga, Ontario, Canada

Columbus, Nebraska, USA

Chino, California, USA

Laredo, Texas, USA

Mexico City, Mexico

Elkton, Kentucky, USA

Glenrothes, Scotland

Weesp, The Netherlands

Hong Kong, China

Singapore, Singapore



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Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.