



## Media Selection Guide

Product recommendations by market and application



## Why Choose Intermec?

*Intermec printers and Intermec media are leaders in their field. When you combine the two, you experience a sum greater than its parts: Intermec printers and media are truly **better together**. With over 300 raw materials to solve challenging applications, all confirmed compatible with Intermec printers, we have the label and tag solution you require. Combine this with our wide range of Take From Stock products, global reach, and technical expertise, Intermec is the only label and tag provider you will need.*

*Our fully-equipped on-site laboratory enables us to thoroughly evaluate material performance. We understand product performance and make product recommendations based on characteristics such as print quality, durability, adhesive performance, regulatory compliance, and environmental conditions.*

*Intermec provides significant cost savings to our customers. We have an extensive tooling library to reduce initial investment costs. Intermec's printhead replacement program provides real savings on the printer's most significant wear component. We can offer this gold-standard program because we have conducted thorough, long-term testing of our media through our printers. Customers also experience reduced downtime and lower repair costs as a result of this program.*

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## Manufacturing Capabilities

Intermec printers and media are optimized to deliver superior performance when used together. Our rigorous testing and co-engineering ensures maximum print head service life, consistently high print quality, and proven label and tag performance in demanding real-world environments. Intermec is a world-class provider of labels, tags, receipt, wristband, and RFID media.

Intermec printers and media are complemented by our complete line of integrated solutions and services, including rugged mobile computers, RFID systems and advanced scanning technology. Intermec products and services are used by customers worldwide to improve the productivity, quality and responsiveness of their business operations.

### Printing Competencies

- Front and back-side printing
- Up to eight colors using water-based inks designed for thermal printing
- Up to four colors using UV-cured inks
- Up to seven colors using solvent-based inks
- Process printing for lifelike photographic images
- On-press vision-inspection systems
- UL mark

### Finishing

- Core Sizes: 3/4" up to 4" (0.40" core for receipt)
- Take From Stock bundling of labels and ribbons (matched lengths)
- Custom kitting of labels and ribbons
- Custom packaging services available upon request

### Product Compliance

- UL, cUL recognized
- CSA recognized
- BS5609 (section 2 and 3)/IMDG Certified
- FDA 21CFR175.105
- MIL-STD 129 and 130
- MIL-PRF 61002
- RFID: ISO18000-6B and ISO18000-6C

## R&D Capabilities

Intermec commits to being on the leading edge of technology and science, developing and manufacturing products that meet the stringent



requirements of real-world applications. Intermec demonstrates this commitment by maintaining and utilizing an extensive range of industry-leading equipment to analyze and monitor product performance and quality.

Intermec printers and media are co-engineered to provide exceptional performance. Our labs are equipped to conduct long-term printer/media compatibility testing, including print head life and pre-print ink evaluation.

### Technical Services Offered

- Sample analysis and product recommendations
- UL, cUL, and CSA approvals of new products
- Application-specific testing
- IMDS approvals
- UID approvals
- New material development
- BS5609/IMDG Certified
- RoHS certification documentation
- Free sample program (blank or thermal pre-printed)

### Testing Provided in TAPPI-lab

- ANSI Print Quality
- Image Durability
- Material Tensile properties
- Tear Strength
- Adhesive Characterization (Dynamic, Loop-tack, Static)
- Temperature and humidity exposure (-20°F to 405°F), (40% to 90% RH)
- Accelerated outdoor aging
- Chemical exposure



## Comparison of Thermal Transfer Ribbons

Formulation	Ribbon Type	Receiver	Ink Melting Point	Print Speed	Scratch/Smudge Resistance	Chemical Resistance
TMX1407	Wax	Uncoated Papers, Coated papers, Mid-range films	1	1	1	1
TMX2202	Mid-Range	Coated Papers, Mid-range Films	2	2	2	2
TMX2510	Mid-Range	Coated papers, Mid-range films	3	3	3	3
TMX3100	Resin	Coated papers, Mid-range films	4	4	4	4
TMX3202	Resin	Polyester, Kapton	5	5	5	5
TMX3502	Resin	Polyester, Kapton	6	6	6	6



## Vertical Market / Material Fit

Application	Recommended Media	Alternate Media
Warehouse / Distribution Center		
Shipping	Duratron II	Duratherm II
Cross-docking / Receiving	Duratron II	Duratherm II
Location/Rack/Bin	Duratron S	Duratron Pro
Tote / Drum	Duratron S	Duratherm III, Duratron Pro
Reusable Plastic Container (RPC)	INdelible	INdelible RFID, Duratron S
Pick Ticket / Packing Slip	Duratherm II Receipt	Duratherm II 7-mil Tag
Asset Tracking	INdelible	INdelible VOID
Food Traceability		
Field Harvest & Pack House	Duratherm III	Duratherm S
Parent-Child Lot Traceability	Duratron II	Duratherm III
Manufacturing / Processing	Duratherm II	Duratron II
Cold Chain Food Logistics	Duratherm III Cold-temp	Duratron II Cold-temp
Tote / Drum	Duratherm S	Duratron Pro
Reusable Plastic Container (RPC)	INdelible	INdelible RFID
Country of Origin Labeling	Duratherm III	Duratron II
Healthcare		
Patient Admitting	INband Patient Wristband	
Laboratory	INdelible White	Duratherm III IR (Misys)
Microscope Slides	INtegrity Slide Label	INdelible
Pharmacy	Duratherm III	
Mobile Specimen Collection	Duratherm III	Duratherm II, Duratherm S
Radiology	Duratherm III	
Autoclave (sterilization)	INdelible	
Cryogenics	INTact	
Public Sector		
E-Citations	Duratherm S Receipt	Duratherm Receipt
Evidence Traceability	Duratron II	Duratron S
Asset Tracking	INdelible	Duratron Pro
IUID	INdelible	INdelible HP
Industrial Manufacturing		
Work in Process	Duratron II (tag and label)	Duratherm II, Duratron S
Durable Goods Labeling	INdelible	
UL, cUL, CSA	See page 16	
Rack, Shelf, Bin Labeling	Duratron S	Duratron Pro, INdelible
Lockout/Tagout	Duratron Pro Tag	Duratron Synthetic Tag
Asset/Tool Tracking	INdelible	Duratron Pro



## Compliance Products







Compliance Registration	Compliance Organization	Requirements	Product Recommendation
UL	Underwriters Laboratories	UL labels, often called nameplates or markers, convey a great deal of information. They usually identify the finished item model number, serial number, and key safety details for operation. They also carry the UL mark, which indicates that the product has been evaluated by Underwriters Laboratories, found compliant with the applicable standards, and is subjected to regular inspection on an ongoing basis.	INdelible - see UL/cUL / CSA Product Listing  <i>On page 16</i>
cUL	Underwriters Laboratories	UL registration to Canadian safety and performance standards	INdelible - see UL/cUL / CSA Product Listing  <i>On page 16</i>
CSA	Canadian Standards Association	Product validation to Canadian product performance guidelines	INdelible - see UL/cUL / CSA Product Listing  <i>On page 16</i>
BS5609/IMDG	United Nations	Labels used to mark dangerous goods for overseas transport must comply with the IMDG (International Maritime Dangerous Goods) Code in accordance with international treaty (United Nations International Convention for Safety of Life at Sea (SOLAS)). IMDG specifies British Standard 5609 for performance criteria. This testing is designed to ensure labels and print survive the harsh conditions experienced by a container lost at sea (such as extended marine immersion, UV exposure, and abrasion if washed ashore). Compliance is mandatory for section 2 (standards for the base label) and section 3 (performance requirements for the printed image on qualified label material).	INdelible HP / TMX3202 with flexographic printing
FDA 21CFR175.105	Food & Drug Administration	Standards that apply to indirect food contact where a functional barrier exists between the label and the food products.	Duratron II perm Duratron II Cold Temp Duratherm III Perm Duratherm III Cold Temp Duratron S Perm INdelible Duratron Pro Label
FDA 21CFR175.125	Food & Drug Administration	Standards that apply to direct food contact.	Duratron Synthetic Value Tag Duratron Synthetic Tag
Automotive Reusable Tote	Major Automobile Manufacturers	Requirements of high print quality for high-speed scanning and sorting. Durability to harsh environments (oil, chemical, abrasion). Product must cleanly remove from tote surface.	Duratron S Removable

## Adhesive Descriptions

Adhesive Type	Description
<b>Permanent</b>	
Permanent	General-purpose adhesive intended for use on a broad range of common substrates such as corrugated boxes, plastics, films, and metals.
High Tack	A permanent adhesive with a more aggressive initial bond intended for use on rough or irregular surfaces. Good choice for use in blow-on applicators.
Cold-Temp	A permanent adhesive intended for use on corrugated, packaging films, and other common substrates across a broad range of temperatures; may be applied in environments as low as -20F.
High Performance	A heavy coat weight permanent adhesive designed to develop a strong bond on rough and/or contaminated surfaces for demanding labeling applications.
<b>Removable</b>	
General Purpose Removable	Designed to remove cleanly from a wide range of substrates. Moderate peel strength for applications requiring medium to long-term removability.
Ultra Removable	A specialty adhesive with easy peel for clean removability on challenging substrates such as glass, paper, and steel. May be reapplied to surface multiple times.
Tight Removable	Develops high initial tack and strong peel to prevent inadvertent edge flagging. Has medium to long-term removability from many durable substrates. Generally paired with film facestocks to prevent label tearing during removal.

# Product Details
































(table A)

	= recommended		= High
	= test in your application		= Medium
	= not recommended		= Low

## Surfaces to be Labeled

## Resistance







## Suggested Ribbons

Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications	Minimum Application Temperature	Service Temperature	Paper & Corrugated	Packaging Films	HSE Plastics (ABS, polystyrene)	LSE Plastics (PP, LDPE)	Metal or Glass	Textured Surfaces	Curved Surfaces	Outdoor Use	Moisture-Resistance	Abrasion-Resistance	Mild Chemical (window cleaner)	Moderate Chemical (alcohol, bleach)	Harsh Chemical (Gasoline, Oil)	Extreme Chemical (Xylene, Acetone)	Standard	High durability
<b>Duratherm II Receipt</b>	DT	A white, uncoated direct thermal facesheet with 10 year archival rating	Pick Ticket, Packing Slip, Invoicing, Proof of delivery, Receipt	n/a	-4°F to 120°F															n/a	
<b>Duratherm II Permanent</b>		A bright white, uncoated direct therm label offering high-quality, cost-effective printing.	Shipping (Track & Trace), Cross-docking, Receiving	32°F	-4°F to 120°F																
<b>Duratherm II Removable</b>		A bright white, uncoated direct thermal label offering high-quality, cost-effective printing with clean removability from common substrates.	Work in Process, Consignment inventory, return labels, rework tracking	40°F	-65°F to 120°F								n r								
<b>Duratherm II Tag</b>		A bright white, uncoated direct therm tag offering high-quality, cost-effective printing.	Work in Process, Pick tickets, Packing Slips	n/a	-4°F to 120°F																



# Product Details

(table B)

	= recommended		= High
	= test in your application		= Medium
	= not recommended		= Low

## Surfaces to be Labeled







## Resistance

## Suggested Ribbons

Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications	Minimum Application Temperature	Service Temperature	Paper & Corrugated	Packaging Films	HSE Plastics (ABS, polystyrene)	LSE Plastics (PP, LDPE)	Metal or Glass	Textured Surfaces	Curved Surfaces	Outdoor Use	Moisture-Resistance	Abrasion-Resistance	Mild Chemical (window cleaner)"	Moderate Chemical (alcohol, bleach)	Harsh Chemical (Gasoline, Oil)	Extreme Chemical (Xylene, Acetone)	Standard	High durability		
Duratherm III																							
A top-coated direct thermal paper that provides enhanced durability for applications where high humidity and surface abrasion are a concern.																							
Duratherm III Receipt	DT	A white, top-coated direct thermal facesheet with 20 year archival rating	Direct store delivery receipt, queue busting, filled service receipt, Pick Ticket, Packing Slip, Invoicing, Proof of delivery	n/a	-4°F to 120°F	n/a								nr	■		◆	▼	▼	▼			
Duratherm III Permanent		A white top-coated direct thermal paper with a general purpose permanent adhesive.	Mail-order prescriptions, in-premise pharmacy labeling, international shipping labels, inventory labeling, cross-docking, Receiving	32°F	-4°F to 120°F	●	●	●	●	●	◆	●	■		◆	▼	▼	▼					
Duratherm III High Tack		A white top-coated direct thermal paper with a aggressive adhesive providing high initial bond to challenging surfaces.	Product labeling, auto-apply applications, industrial textile labeling, contaminated surfaces	25°F	-75°F to 120°F	●	●	●	●	●	●	●	■		□ ■	◆	▼	▼	▼				
Duratherm III Cold Temp		A white, top-coated direct thermal label employing a cold-temperature adhesive that allows application of the label in below freezing conditions.	Cold-chain logistics, food processing and storage, cold season labeling in uncontrolled environments	-20°F	-65°F to 120°F	●	●	●	●	●	◆	●	nr		■		◆	▼	▼	▼	n/a		
Duratherm III Removable		A bright white, top-coated direct thermal label offering high-quality, cost-effective printing with clean removability from common substrates.	Work in Process, Consignment inventory, return labels, rework tracking	40°F	-65°F to 120°F	●	●	●	◆	●	▼	◆	■		■		◆	▼	▼	▼			
Duratherm III Piggyback		A white top-coated direct thermal multi-layered label with a thermally printable top surface and an adhesive-backed middle carrier liner.	Work in Process, Return labels, parent/child traceability, multi-step manufacturing	25°F	-65°F to 200°F	●	●	●	●	●	◆	◆	nr		■		◆	▼	▼	▼			

# Product Details

(table C)

	= recommended		= High
	= test in your application		= Medium
	= not recommended		= Low

## Surfaces to be Labeled

## Resistance

## Suggested Ribbons

Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications	Minimum Application Temperature	Service Temperature	Paper & Corrugated	Packaging Films	HSE Plastics (ABS, polystyrene)	LSE Plastics (PP, LDPE)	Metal or Glass	Textured Surfaces	Curved Surfaces	Outdoor Use	Moisture-Resistance	Abrasion-Resistance	Mild Chemical (window cleaner)	Moderate Chemical (alcohol, bleach)	Harsh Chemical (Gasoline, Oil)	Extreme Chemical (Xylene, Acetone)	Standard	High durability		
Duratran II Paper Labels																							
A top-coated thermal transfer paper that demonstrates excellent print quality with the TMX1407 ribbons. This product is recommended where moderate abrasion, heat or sunlight are present.																							
Duratran II Permanent	TT	A white, top-coated thermal transfer label with a general-purpose permanent adhesive.	International shipping labels, inventory labeling, cross-docking, Receiving	25°F	-65°F to 200°F															TMX1407	TMX2202 TMX2510		
Duratran II High Tack		A white top-coated thermal transfer paper with a aggressive adhesive providing high initial bond to challenging surfaces.	Product labeling, auto-apply applications, industrial textile labeling, contaminated surfaces	40°F	-65°F to 200°F																		
Duratran II Cold Temp		A white, top-coated thermal transfer label employing a cold-temperature adhesive that allows application of the label in below freezing conditions..	Cold-chain logistics, food processing and storage, cold season labeling in uncontrolled environments	-20°F	-65°F to 200°F																		
Duratran II Removable		A bright white, top-coated thermal transfer label offering high-quality, cost-effective printing with clean removability from common substrates.	Work in Process, Consignment inventory, return labels, rework tracking	40°F	-65°F to 180°F																		
Duratran II Ultra-removable		A bright white, top-coated thermal transfer label offering high-quality printing with clean removability from very smooth surfaces such as glass.	Short-term labeling on smooth surfaces such as glass and paper, product labeling, delicate product labeling	40°F	-20°F to 120°F																		
Duratran II Piggyback		A white top-coated thermal transfer multi-layered label with one thermally printable surface and an adhesive-backed middle carrier liner.	Work in Process, Return labels, parent/child traceability, multi-step manufacturing	25°F	-65°F to 200°F																		
Duratran II Tag		A bright white, top-coated thermal transfer tag offering high-quality, cost-effective printing.	Work in Process, Pick tickets, Packing Slips	n/a	-65°F to 200°F																		

## Product Details

(table D)

● = recommended	■ = High
◆ = test in your application	■ = Medium
▼ = not recommended	□ = Low

Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications	Minimum Application Temperature	Service Temperature	Surfaces to be Labeled						Outdoor Use	Resistance						Suggested Ribbons	
						Paper & Corrugated	Packaging Films	HSE Plastics (ABS, polystyrene)	LSE Plastics (PP, LDPE)	Metal or Glass	Textured Surfaces	Curved Surfaces	Moisture-Resistance	Abrasion-Resistance	Mild Chemical (window cleaner)	Moderate Chemical (alcohol, bleach)	Harsh Chemical (Gasoline, Oil)	Extreme Chemical (Xylene, Acetone)	Standard	High durability

### Specialty

Duratherm III NIR		Duratherm III NIR is a premium direct thermal paper engineered for use in applications with challenging bar code scanning requirements.	Parcel tracking, high-speed sortation processes	32°F	-4°F to 120°F	●	●	●	●	●	◆	●				◆	▼	▼	▼		
Duratherm III IR	DT	Duratherm III IR is a top-coated direct thermal paper that provides sharp text and bar code printing. Can be scanned with either visible or infrared scanning devices. This product is recommended for use in direct thermal applications where contamination may interfere with bar code scanning.	Medical labs, test tube labeling	32°F	-4°F to 120°F	●	●	●	●	●	◆	●	nr	■		◆	▼	▼	▼	n/a	

### Duratherm S







A direct thermal polyolefin label that provides excellent print quality and increased durability over similar paper products. Recommended for wet environments where chemical exposure is not a concern.

Duratherm S Permanent		A bright white top-coated direct thermal film label with a general purpose permanent adhesive.	Meat packaging / Food processing, Grocery shelf labeling, lab test tube labeling	25°F	-75°F to 120°F	●	●	●	●	●	◆	●				◆	◆	▼	▼		
Duratherm S Removable	DT	A bright white top-coated direct thermal film label with clean removability from common substrates.	Work in Process, Consignment inventory, returnable totes, rework tracking	40°F	-4°F to 120°F	●	●	●	●	●	▼	◆	nr	■	■	◆	◆	▼	▼	n/a	



## Product Details


























(table E)

	= recommended		= High
	= test in your application		= Medium
	= not recommended		= Low

Product Details <i>(table E)</i>																					
<div><div><div><div></div><div>= recommended</div></div><div><div></div><div>= test in your application</div></div><div><div></div><div>= not recommended</div></div></div><div><div><div></div><div>= High</div></div><div><div></div><div>= Medium</div></div><div><div></div><div>= Low</div></div></div></div>						Surfaces to be Labeled							Resistance							Suggested Ribbons	
Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications	Minimum Application Temperature	Service Temperature	Paper & Corrugated	Packaging Films	HSE Plastics (ABS, polystyrene)	LSE Plastics (PP, LDPE)	Metal or Glass	Textured Surfaces	Curved Surfaces	Outdoor Use	Moisture-Resistance	Abrasion-Resistance	Mild Chemical (window cleaner)	Moderate Chemical (alcohol, bleach)	Harsh Chemical (Gasoline, Oil)	Extreme Chemical (Xylene, Acetone)	Standard	High durability















### Duratron S Label

A 3 mil thick matte polypropylene thermal transfer label. The matte face stock offers excellent print quality and moisture resistance for mid-term outdoor applications (6 months).

Duratron S Permanent	TT	A white, matte polypropylene label with a permanent adhesive.	Rack/Bin/Shelf labeling, product labeling, lawn and garden, wire harness labeling, asset labels,	25°F	-75°F to 200°F																TMX1407	TMX2510 TMX3202
Duratron S Removable		A white, matte polypropylene label with clean removability from common substrates. High strength facestock prevents labeling tearing upon removal.	Temporary Rack/Bin/Shelf location labeling, product labeling, returnable totes, rework tracking	40°F	-40°F to 200°F								6 mo+									




























### Syntran Labels

A durable polyethylene thermal transfer label. Aggressive specialty adhesive provides excellent tamper evidence on most surfaces.

Syntran High Tack	TT	A white thermal transfer film label with an aggressive high-tack adhesive.	Drum Labeling, Asset tracking, can be used as tamper-evident label	35°F	-20°F to 160°F								12 mo+								TMX1407	TMX2510
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





### Duratron Pro Labels & Tags

A durable, high-quality polyolefin thermal transfer label. Exhibits good tear resistance and moisture resistance, as well as moderate temperature and chemical resistance.

Duratron Pro Permanent	TT	A premium bright white polypropylene label with a general-purpose permanent adhesive.	Chemical drum labeling, product ID, medical device labeling, Product marking, Tool tracking, Bin/Rack/ Shelf labeling	45°F	-65°F to 200°F								24 mo+	  					TMX2510	TMX1407			
Duratron Pro Removable		A premium bright white polypropylene label with a tight removable adhesive for clean removability from common surfaces.	Returnable tote labeling, industrial WIP, temporary Rack/ Bin/Tote labeling	45°F	0°F to 160°F																		
Duratron Pro Tag		A premium performance polyethylene tag with superior tear resistance. Excellent choice when attaching with thin gauge wire or when staples are used.	Lockout/ Tagout, Pallet & inventory tags, Product ID (lumber, brick, steel), "Under penalty of law" certification tags for bedding and furniture, self-locking nursery tags	n/a	-70°F to 180°F								12 mo+										

### Intact

A high-gloss thermal transfer polypropylene label with excellent conformability and print durability. Recommended for wet indoor environments or short-term outdoor labeling.

Intact Permanent	TT	A high gloss top-coated thermal transfer film label with a permanent adhesive.	Cryogenic sample tracking, wire harness labeling, horticulture, lawn and garden	25°F	-112°F to 200°F								3 mo+									TMX3202
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## Product Details




































































(table G)

	= recommended		= High
	= test in your application		= Medium
	= not recommended		= Low

Product Details (table G)																									
<div><div><div><div></div><div>= recommended</div></div><div><div></div><div>= test in your application</div></div><div><div></div><div>= not recommended</div></div></div><div><div><div></div><div>= High</div></div><div><div></div><div>= Medium</div></div><div><div></div><div>= Low</div></div></div></div>						Surfaces to be Labeled						Resistance						Suggested Ribbons							
Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications	Minimum Application Temperature	Service Temperature	Paper & Corrugated	Packaging Films	HSE Plastics (ABS, polystyrene)	LSE Plastics (PP, LDPE)	Metal or Glass	Textured Surfaces	Curved Surfaces	Outdoor Use	Moisture-Resistance	Abrasion-Resistance	Mild Chemical (window cleaner)	Moderate Chemical (alcohol, bleach)	Harsh Chemical (Gasoline, Oil)	Extreme Chemical (Xylene, Acetone)	Standard	High durability				

### Indelible Labels

A high-gloss, top-coated polyester label with exceptional durability and print quality. Excellent tear, smear and abrasion resistance; highly moisture and heat resistant. Please refer to the UL/cUL/CSA registration section for material certifications.

Indelible	TT	A high gloss white, top-coated polyester with a high-tack adhesive.	Product compliance labeling, automotive labeling, permanent tote labeling, medical device labeling, asset tracking, UDI-Medical (Unique device identification) IUID-DOD (Item Unique Identification)	50°F	-40°F to 302°F														TMX3202	TMX3502
Indelible HP		A high gloss white top-coated polyester label employing an aggressive heavy coat weight permanent adhesive designed to develop a strong bond on rough and/or contaminated surfaces.	Product compliance labeling, automotive labeling, permanent tote labeling, medical device labeling, asset tracking, UDI-Medical (Unique device identification) IUID-DOD (Item Unique Identification), BS5609 IMDG	50°F	-40°F to 302°F															
Indelible Silver		A high gloss dull silver, top-coated polyester with a high-tack adhesive.	Product compliance labeling, automotive labeling, permanent tote labeling, medical device labeling, asset tracking, UDI-Medical (Unique device identification) IUID-DOD (Item Unique Identification)	50°F	-40°F to 302°F								5 yrs+							
Indelible Clear		A high gloss clear, top-coated polyester with a high-tack adhesive.	Product labeling, asset labeling, provides "no label" appearance	50°F	-40°F to 302°F															
Indelible VOID		A high gloss white, top-coated polyester with a high-tack tamper-evident adhesive.	Product Labeling, warranty seal labeling, security closure labeling, asset tracking	50°F	-40°F to 302°F															
Indelible 4-mil		A high gloss white, top-coated polyester with a high-tack adhesive.	Recommended for auto apply equipment, Product compliance labeling, automotive labeling, permanent tote labeling, medical device labeling, asset tracking, UDI-Medical (Unique device identification) IUID-DOD (Item Unique Identification)	32°F	-40°F to 302°F															

## Product Details

(table H)

- = recommended
- ◆ = test in your application
- ▼ = not recommended

- = High
- = Medium
- = Low

Product Details (table H)		<div><div><div>● = recommended</div><div>◆ = test in your application</div><div>▼ = not recommended</div></div><div><div>■ = High</div><div>▣ = Medium</div><div>□ = Low</div></div></div>		Surfaces to be Labeled										Outdoor Use	Resistance						Suggested Ribbons	
Product Name	Thermal Transfer (TT) Direct Thermal (DT)	Product Description	Applications	Minimum Application Temperature	Service Temperature	Paper & Corrugated	Packaging Films	HSE Plastics (ABS, polystyrene)	LSE Plastics (PP, LDPE)	Metal or Glass	Textured Surfaces	Curved Surfaces	Moisture-Resistance	Abrasion-Resistance	Mild Chemical (window cleaner)	Moderate Chemical (alcohol, bleach)	Harsh Chemical (Gasoline, Oil)	Extreme Chemical (Xylene, Acetone)	Standard	High durability		
Indelible Matte	TT	A matte white, top-coated polyester with a high-tack adhesive.	Product labeling, nameplates, asset labeling, permanent tote labels, Rack/ Shelf/Bin labeling, automotive labeling	50°F	-40°F to 302°F	●	●	●	●	●	◆	●	5 yrs+	■	▣	■	●	●	●	◆	TMX2510	TMX3202
Indelible Matte Silver		A matte silver, top-coated polyester with a high-tack adhesive.	Product labeling, nameplates, asset labeling, permanent tote labels, automotive labeling	50°F	-40°F to 302°F	●	●	●	●	●	◆	●		●	●	●	●	◆				



# UL / cUL / CSA Product Listing

UL File Number: MH16981/PGJ12  
cUL File Number: MH16981/PGJ18  
CSA File Number: 103328\_L\_000

Product	Spec #	Facesheet	Color	Finish	Adhesive	Ribbon	UL	cUL	CSA*	Recommended Use
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## INdelible 1-mil

A high-gloss, top-coated polyester label with exceptional print quality. Excellent tear, smear and abrasion resistance; highly moisture and heat resistant.

Duratron INdelible White	L7111210	Polyester	White	Gloss	High Tack	TMX3202	•		•	
Duratron INdelible Clear	L7171210	Polyester	Clear	Gloss	High Tack	TMX3202	•		•	
Duratron INdelible Overlam	L7171300	Polyester	Clear	Gloss	Permanent	TMX3202 TMX3502	•	•		

## INdelible 2-mil

A high-gloss, top-coated polyester label with exceptional print quality. Excellent tear, smear and abrasion resistance; highly moisture and heat resistant.

INdelible	L3202003	Polyester	White	Gloss	High Tack	TMX3202 TMX3502	•	•		
INdelible Clear	L7271210	Polyester	Clear	Gloss	High Tack	TMX3202	•		•	
INdelible Clear	L3261000	Polyester	Clear	Gloss	Permanent	TMX3202	•			
INdelible	L3290000	Polyester	White	Gloss	Permanent	TMX3202	•			
INdelible Silver	L7231000	Polyester	Silver	Gloss	High Tack	TMX3202	•			
INdelible Silver	L7221210	Polyester	Silver	Gloss	High Tack	TMX3202	•		•	
INdelible HP	L3203000	Polyester	White	Gloss	High Performance	TMX3202	•			
INdelible	L7211210	Polyester	White	Gloss	High Tack	TMX3202	•		•	
INdelible	L3203011	Polyester	White	Gloss	High Tack	TMX3202	•			
INdelible	L3201000	Polyester	White	Gloss	Permanent	TMX3202	•			
INdelible VOID	L3262060	Polyester	White	Gloss	High Tack	TMX3202 TMX3502	•			
INdelible Matte Silver	L3202511	Polyester	Silver	Matte	High Tack	TMX3202 TMX2255	•			
INdelible Matte White	L3221020	Polyester	White	Matte	High Tack	TMX2255	•	•		









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