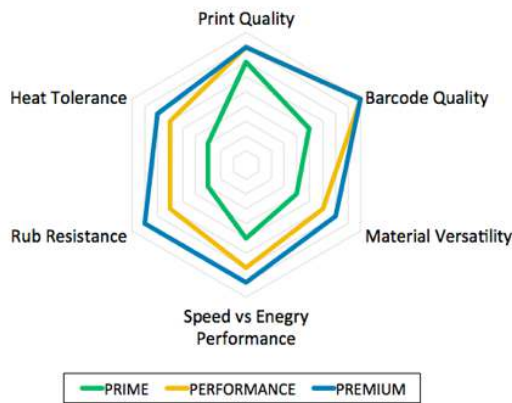# An array of thermal transfer ribbon solutions

Choose from our three ribbon solutions to cover all your labeling needs. Whether basic or complex, we guarantee you the best quality code, more production uptime and best-in-class Markem-Imaje service. All Markem-Imaje ribbons are designed, developed and tested specially for use with our print & apply labelers and desktop printers to offer you the best quality in the market.

Radar chart axes: Print Quality, Barcode Quality, Material Versatility, Speed vs Energy Performance, Rub Resistance, Heat Tolerance.

Legend: PRIME — PERFORMANCE — PREMIUM

Label mi Premium

Label MI Premium Ribbons are intended **for your most demanding applications** such as those that require high levels of rub or solvent resistance. Ideally suited for **synthetic label materials.**

Label mi Performance

Label MI Performance Ribbons offer a **high level of versatility** to code on a wide range of materials ensuring durable codes and **full bar code compliance.**

Label mi Prime

Label MI Prime Ribbons are the **most cost-effective ribbons** to secure your printed data, ensure reliable code quality and make the most of your print & apply labelers and desktop printers.

Redefine the possible℠

markem·imaje
a DOVER company

Media Compatibility Guide

Machine Configuration	Label Roll			
	Winding	Minimum Width (mm)	Maximum Width (mm)	Maximum Roll Lengths
Series 2200 - 22x0	Inside/Outside*	30	60	660
Series 2200 - 24x0	Inside/Outside*	55	120	660
Series 2200 - 26x0	Inside/Outside*	100	178	660
Series 2200 - Pallet	Inside/Outside*	100	178	660
Series 2200 - 22x0	Outside	30	60	560
Series 2200 - 24x0	Outside	55	120	560
Series 2200 - 26x0	Outside	100	178	560
Series 2200 - Pallet	Outside	100	178	660
CimJet 300	Inside/Outside	25	150	450
CimJet 2000	Inside/Outside	50	160	800
CimPak	Inside	95	150	450

*Option required

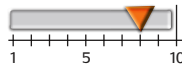| Machine Configuration	Thermal Ribbon				
	Winding	Recommended Minimum Width (mm)	Minimum Width (mm)	Supported Roll Lengths	Maximum Roll Lengths
Series 2200 - 22x0	Inside	35	178	560/660	660
Series 2200 - 24x0	Inside	60	178	560/660	660
Series 2200 - 26x0	Inside	105	178	560/660	660
Series 2200 - Pallet	Inside	105	178	560/660	660
Series 2200 - 22x0	Inside	35	178	560	560
Series 2200 - 24x0	Inside	60	178	560	560
Series 2200 - 26x0	Inside	105	178	560	560
Series 2200 - Pallet	Inside	105	178	560	660
CimJet 300	Outside	25	150	300/450	450
CimJet 2000	Inside	50	160	300/450/800	800
CimPak	Outside	95	150	300/450	450

Label ılı Premium

3110/3111 - PREMIUM

3110/11 Premium wax resin blended ribbon offers material versatility, designed to print on all kinds of self-adhesive including coated and glossy papers and synthetics. It also provides a higher level of mechanical resistance compared to wax ribbons.
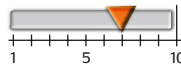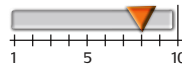
PAPER | HQ PAPER | COATED | UV COATED GLOSSY | SYNTHETIC
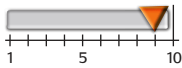
SHIPPING & INVENTORY | SORTING & CONVEYING | PHARMACEUTICAL | HEALTHCARE & LABORATORY | COSMETICS | ELECTRONICS & WHITE GOODS | AUTOMOTIVE | OUTDOOR APPLICATION

Print Quality	Barcode Quality	Material Versatility	Speed Performance	Rub Resistance	Heat Tolerance
1 5 10	1 5 10	1 5 10	1 5 10	1 5 10	1 5 10
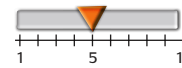
3210/3211 - PREMIUM COLOR

3210/11 Premium Color wax based ribbon is available in a variety of colors for a wide range of applications. This ribbon is optimized for great color contrast, and offers high print performance on uncoated and coated papers.
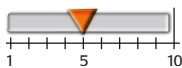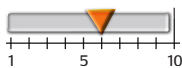
PAPER | HQ PAPER | COATED | UV COATED GLOSSY | SYNTHETIC
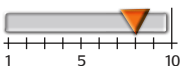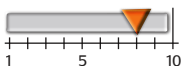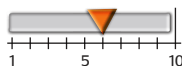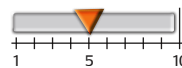
SHIPPING & INVENTORY | SORTING & CONVEYING | PHARMACEUTICAL | HEALTHCARE & LABORATORY | COSMETICS | ELECTRONICS & WHITE GOODS | AUTOMOTIVE | OUTDOOR APPLICATION

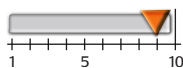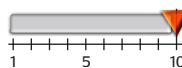| Print Quality	Barcode Quality	Material Versatility	Speed Performance	Rub Resistance	Heat Tolerance
1 5 10	1 5 10	1 5 10	1 5 10	1 5 10	1 5 10

3310/3311 - PREMIUM PLUS

3310/11 Premium Plus resin based ribbon grade is highly suitable for glossy coated and synthetic label materials. The high resin formulation provides excellent resistance to solvents, withstands high levels of abrasion, and offers suitability for high temperature applications.
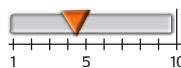
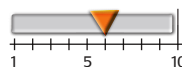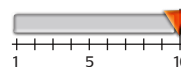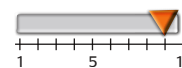PAPER | HQ PAPER | COATED | UV COATED GLOSSY | SYNTHETIC

SHIPPING & INVENTORY | SORTING & CONVEYING | PHARMACEUTICAL | HEALTHCARE & LABORATORY | COSMETICS | ELECTRONICS & WHITE GOODS | AUTOMOTIVE | OUTDOOR APPLICATION

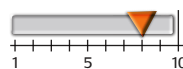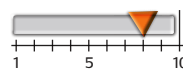| Print Quality	Barcode Quality	Material Versatility	Speed Performance	Rub Resistance	Heat Tolerance
1 5 10	1 5 10	1 5 10	1 5 10	1 5 10	1 5 10

3811 - PREMIUM CE

3811 is designed to match the requirements of the corner edge print heads fitted to some Markem-Imaje P&A solutions. This wax/resin blends print quality, speed, sensitivity, and versatility to provide a perfectly adapted solution for a range of applications.
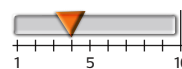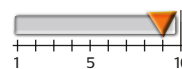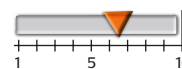
PAPER | HQ PAPER | COATED | UV COATED GLOSSY | SYNTHETIC

INVENTORY | CONVEYING | PHARMACEUTICAL | & LABORATORY | COSMETICS | & WHITE GOODS | AUTOMOTIVE | OUTDOOR APPLICATION
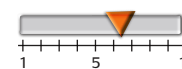
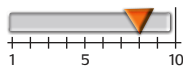| Print Quality	Barcode Quality	Material Versatility	Speed Performance	Rub Resistance	Heat Tolerance
1 5 10	1 5 10	1 5 10	1 5 10	1 5 10	1 5 10

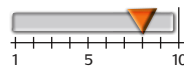# Label ılı Performance

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2510/11 Performance wax is a ribbon that doesn't make any compromise to quality and printing performance. It matches all criteria expected by traditional wax applications.
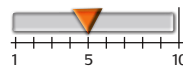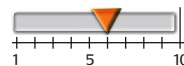
PAPER — HQ PAPER — COATED — UV COATED GLOSSY — SYNTHETIC
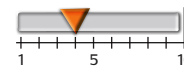
SHIPPING & INVENTORY — SORTING & CONVEYING — PHARMACEUTICAL — HEALTHCARE & LABORATORY — COSMETICS — ELECTRONICS & WHITE GOODS — AUTOMOTIVE — OUTDOOR APPLICATION
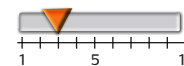
Print Quality	Barcode Quality	Material Versatility	Speed Performance	Rub Resistance	Heat Tolerance
1 5 10	1 5 10	1 5 10	1 5 10	1 5 10	1 5 10

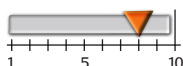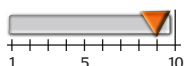
2710/11 Performance Plus wax based ribbon is the highest performance wax ribbon in its range, enabling it to answer the requirements of a wide range of applications. Optimized for high print performance on uncoated and coated papers, 2710/11 is the standard choice for many customers due to its flexibility.
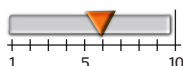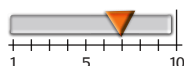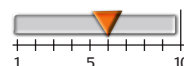
PAPER — HQ PAPER — COATED — UV COATED GLOSSY — SYNTHETIC

SHIPPING & INVENTORY — SORTING & CONVEYING — PHARMACEUTICAL — HEALTHCARE & LABORATORY — COSMETICS — ELECTRONICS & WHITE GOODS — AUTOMOTIVE — OUTDOOR APPLICATION
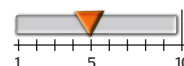
Print Quality	Barcode Quality	Material Versatility	Speed Performance	Rub Resistance	Heat Tolerance
1 5 10	1 5 10	1 5 10	1 5 10	1 5 10	1 5 10

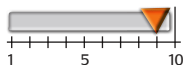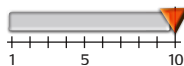
2810/11 Performance Extra wax/resin ribbon provides printing quality and mechanical resistance exceeding market standards. It ensures an excellent quality of transfer on all glossy, coated, and uncoated papers. 2810/11 is a good choice for more demanding applications that require long-term code integrity on all paper-based materials.
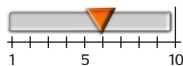
PAPER — HQ PAPER — COATED — UV COATED GLOSSY — SYNTHETIC

SHIPPING & INVENTORY — SORTING & CONVEYING — PHARMACEUTICAL — HEALTHCARE & LABORATORY — COSMETICS — ELECTRONICS & WHITE GOODS — AUTOMOTIVE — OUTDOOR APPLICATION
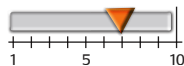
Print Quality	Barcode Quality	Material Versatility	Speed Performance	Rub Resistance	Heat Tolerance
1 5 10	1 5 10	1 5 10	1 5 10	1 5 10	1 5 10

1510/1511 - PRIME

1510/11 Prime wax ribbon offers an outstanding balance of performance and economy for entry level applications. Low energy requirements ensure maximum print head life while being perfectly designed to complement coated or uncoated papers. 1510/1511 is therefore the ideal solution for applications particularly sensitive to the quality/price ratio.

PAPER | HQ PAPER | COATED | UV COATED GLOSSY | SYNTHETIC | SHIPPING & INVENTORY | SORTING & CONVEYING | HEALTHCARE & LABORATORY | COSMETICS | ELECTRONICS & WHITE GOODS | AUTOMOTIVE | OUTDOOR APPLICATION
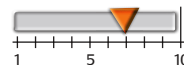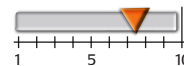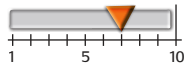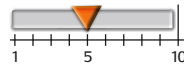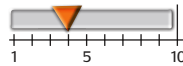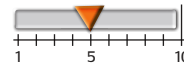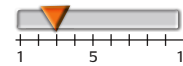
Print Quality	Barcode Quality	Material Versatility	Speed Performance	Rub Resistance	Heat Tolerance
1 5 10	1 5 10	1 5 10	1 5 10	1 5 10	1 5 10
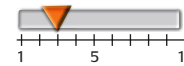
Product Compatibility Guide

Premium	**3811**	**Corner Edge (CimJet only)**	**Paper**		
	321x	**Premium Color**			
	331x	**Premium Plus**			**Coated/Synthetic Materials**
	311x	**Premium**		**Glossy/Coated Paper**	
Performance	**281x**	**Performance Extra**	**Paper**		
	271x	**Performance Plus**			
	251x	**Performance**			
Prime	**151x**	**Prime**			

RIBBON DISPOSAL

Component	Re-usable	Recyclable	Incinerable	Common Industrial Waste
TT Film	–	–	✓	✓
Cardboard core	✓	✓	✓	✓
Plastic core	✓ as take-up core	✓ LDPE (4) with same plastic type	✓	✓
Roll packaging film	–	✓ with same type of plastics	✓	✓
Roll label	–	–	✓	✓
Cardboard box	✓	✓ with cardboard	✓	✓
Box label	–	–	✓	✓
Overpacking box	✓	✓ with cardboard	✓	✓
Pallet	✓	✓	✓	✓

CERTIFICATIONS*

► Food contact: 1935/2004/EC and FDA.

► Heavy metals: 2011/65/EC (RoHS).

► REACH: Ribbons are free from the Substances of Very High Concern (SVHC).

► California Proposition 65.

Contact us for all other regulations linked to product compliance with toxicity, waste treatment, banned components, packaging, etc.

*depending on grades

STORAGE AND USE

► Storage: 5 - 35 °C (40 - 95 °F), 20 - 80% humidity rate. No shelf life in normal recommended storage conditions.

► Conditions of use:
Do not open with a blade.
Do not exert pressure on ribbon roll.
Before use, we recommend storing the ribbon at average temperature (20 °C) for 24 h.

Extensive Global Service Network

700 SERVICE DISTRIBUTION PARTNERS

550 FIELD SERVICE ENGINEERS

300 SERVICE SUPPORT STAFF
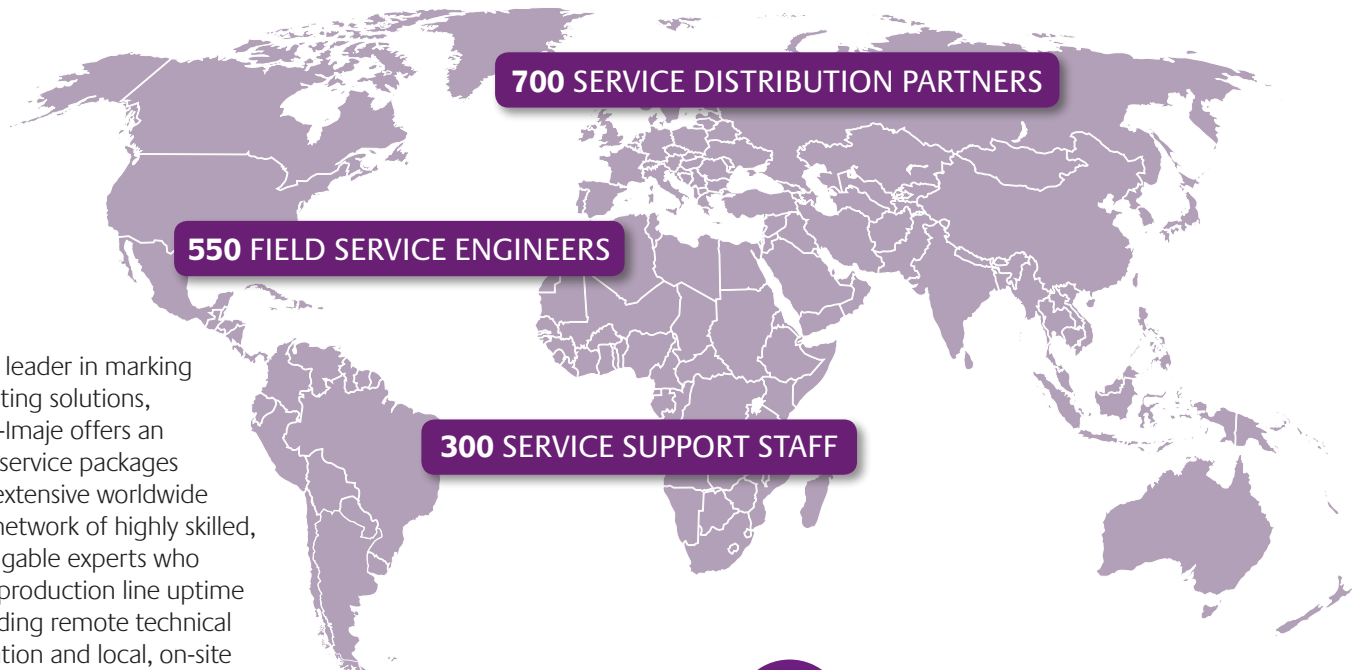
A global leader in marking and printing solutions, Markem-Imaje offers an array of service packages and an extensive worldwide service network of highly skilled, knowledgable experts who protect production line uptime by providing remote technical consultation and local, on-site repair support.

Agency: communicatorsgroup.com
Photos: ginko-photo.com, Al Karevy Photography, Armor Corporation, A1

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Redefine the possible℠