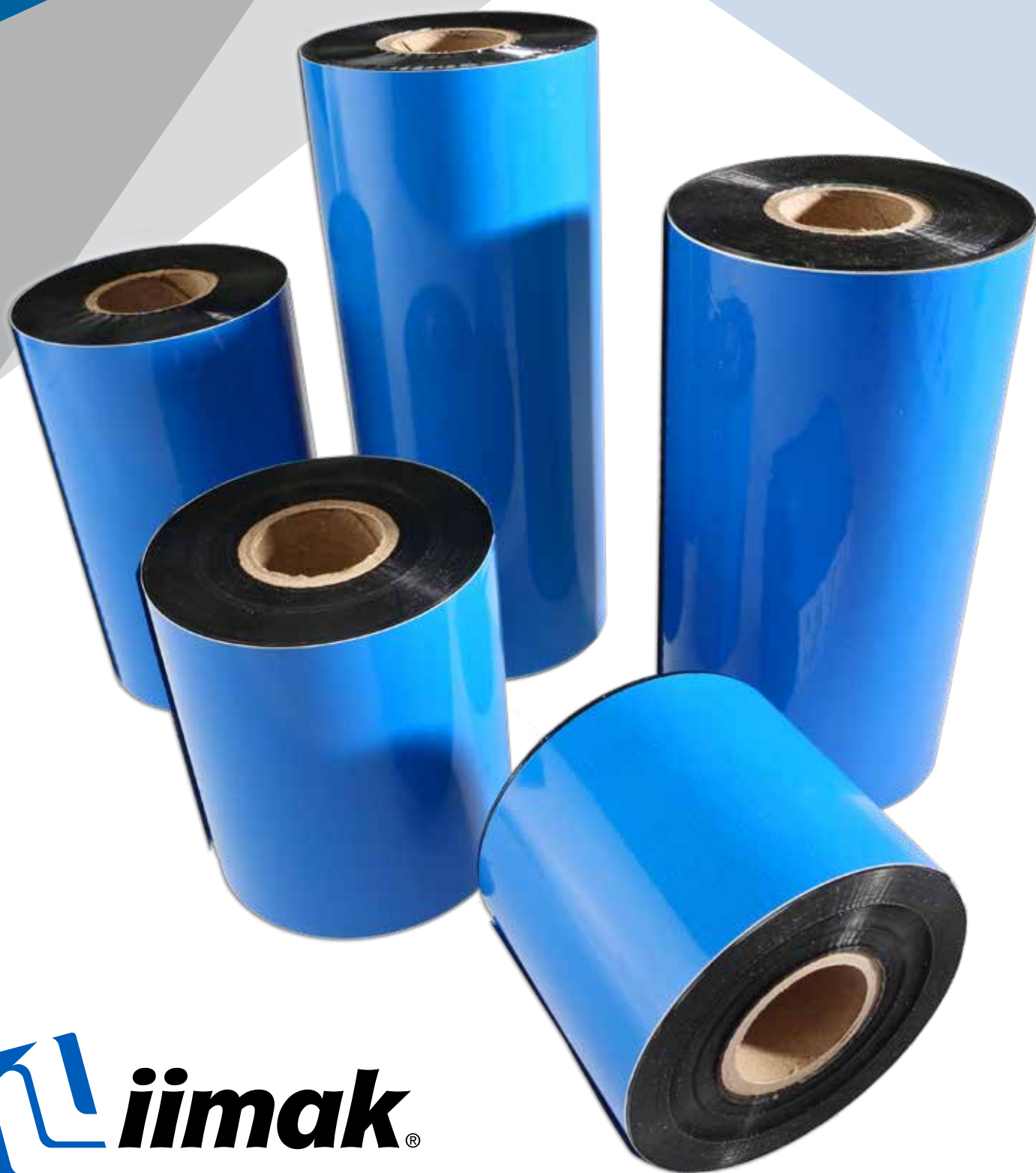


Thermal Transfer Ribbons

Impressions that Last



 **iimak**[®]

IIMAK Worldwide is globally active with local advantages.



IIMAK Europe
Geel, Belgium



IIMAK Headquarters
Amherst, NY - USA



IIMAK da Amazonia
Manaus, Brazil



IIMAK IDISA
Col. Del Valle, Mexico



IIMED Mexico
Reynosa, Mexico



35 Years of Outstanding Customer Care

Headquartered in Amherst, NY, USA

4,000 Customers Across 80 Countries

1,400 Employees Worldwide

5 Global Manufacturing Locations

IIMAK EUROPE

- Local presence in Europe since 2000
- Distribution point to serve Europe, Middle-East, Africa and Asia-Pacific
- Converting facility to support your needs
- Experienced, multilingual staff with focus on service

ABOUT US

IIMAK is a global developer and manufacturer of value-added consumable solutions for industrial and medical applications.



OUR MISSION

We provide outstanding customer care.

FIRST IN SERVICE. IMPRESSIONS THAT LAST.



Relationships.

We focus on building strong, solid, lasting business relationships with our customers, based on trust, communication and mutual respect.



Responsiveness.

We deliver with short lead times and competitive MOQs. The IIMAK team strives to meet and exceed customer expectations.



Adaptability.

We have a highly flexible approach to doing business, adapting to customer needs and changing market conditions.



Support.

Our industry-leading services simplify processes, making it easy to do business. Tools allow our customers to reduce transactional costs and grow their business.

Unique Customer Services. Impressions that last.

Private Labelling

A unique feature with unmatched flexibility, IIMAK's private labelling allows you to personalise any thermal transfer ribbon in order to increase your company's brand awareness and ensure easy re-ordering for end users, by adding your part number.

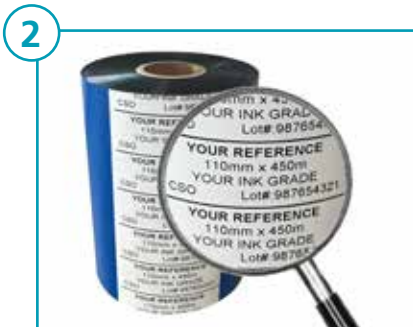
BENEFITS OF PRIVATE LABELLING

- Increases your brand awareness
- Ensures easy re-ordering
- Incorporates your custom part numbers
- Dropshipments
- Free of charge

3 ways to easily promote YOUR brand.



Box Label



Leaderstrip



Delivery Note

Inside IIMAK

Inside IIMAK is an exclusive distributor online portal for easy access to:

- Shipment tracker
- Ribbon finder
- Invoice history
- Customisable marketing literature



Marketing Literature

Generate new thermal transfer ribbon business with IIMAK's library of customisable marketing tools. Professionally designed flyers and direct mail pieces are a great way to set you apart from the competition.

- Fully customisable - imprint company information
- Great for mailings or leave behinds
- Distributor guides - available to IIMAK distributors



Clean Start®

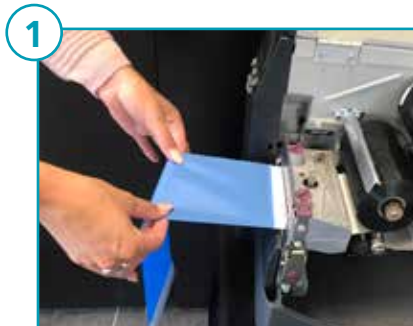
Promoting Clean Start®, the exclusive built-in printhead cleaner, is a great way to further differentiate your product offering from the competition. From maintaining print quality to prolonging printhead life, Clean Start® ribbons deliver real value to your customers.

BENEFITS OF CLEAN START®

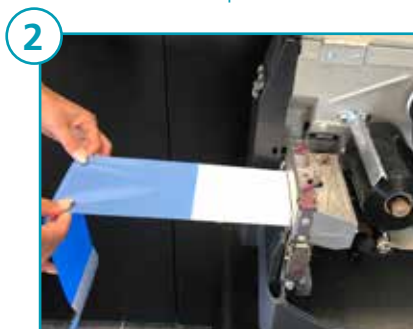
- Available at no extra cost
- Prolongs printhead life
- Minimises costly downtime and disruptions
- Maintains excellent print quality
- Quick and easy preventative maintenance



All it takes is six seconds and two easy steps.



1 Firmly hold the strip in locked printhead.



2 Pull slowly until end of Clean Start® to clean printhead.

Technical Support

Take advantage of IIMAK's Technical Support program to help you close more ribbon opportunities. Whether it's dialing in a printer, print testing, or answering a troubleshooting question, IIMAK's tech support services are an extension of your service offering.

- In-house printlab for label compatibility testing
- Print test reports with printed samples
- Free service
- Free samples available for field testing



Smudge Testing



Free Samples

Order your free samples now!

Certifications

IIMAK thermal transfer ribbons and inks have been submitted for a variety of certifications and approvals to meet industry standards. The approvals have been ordered to ensure the safety and durability of the products based on consumer needs. You can find them on www.iimak.eu.

ISEGA

RoHS
Compliant

Halogen
free
(IEC 61249-2-21)

REACH
COMPLIANT

UL recognised
✓

TTR Solutions to match your needs.



	IIMAK Product	Benefits	Recommended Stocks	
Flat Head	SW150 Standard Wax	<ul style="list-style-type: none"> Basic labelling applications Economical and reliable Print speeds up to 300 mm/s 	<ul style="list-style-type: none"> Vellum Matte coated papers 	<ul style="list-style-type: none"> Gloss papers Floodcoats
	SW200 Standard Wax	<ul style="list-style-type: none"> General purpose labelling applications Highly compatible - no printer adjustments Remarkable blackness in print quality 	<ul style="list-style-type: none"> Semi-gloss papers Floodcoats 	
	GP725 Resin-Enhanced Wax	<ul style="list-style-type: none"> Easy to use - no printer adjustments Dark images with solid fill and no show-through Barcodes requiring multiple scans High speed printing for high efficiency 	<ul style="list-style-type: none"> Vellum Matte coated papers Gloss papers Semi-gloss papers 	<ul style="list-style-type: none"> Floodcoats PP / Polypropylene PE / Polyethylene Polyolefin (e.g. Tyvek)
	PM308 Wax-Resin	<ul style="list-style-type: none"> Outstanding versatility and print quality Crisp character and line formation with dark solid fills 	<ul style="list-style-type: none"> Matte coated papers 	<ul style="list-style-type: none"> PP / Polypropylene PE / Polyethylene
	PM255 Wax-Resin	<ul style="list-style-type: none"> Rough handling, abrasion and outdoor elements High scratch and smudge resistance Barcodes requiring multiple scans 	<ul style="list-style-type: none"> Gloss papers Semi-gloss papers 	<ul style="list-style-type: none"> PP / Polypropylene PE / Polyethylene PET / Polyester
	SP330 General Purpose Resin	<ul style="list-style-type: none"> High scratch and smudge resistance Dark black images with exceptional sharpness Excellent resistance to heat, steam and chemicals UL-recognised on specific label stocks 	<ul style="list-style-type: none"> PP / Polypropylene PE / Polyethylene PET / Polyester 	<ul style="list-style-type: none"> Nylon Polyimide Vinyl
	SP575 Premium Resin	<ul style="list-style-type: none"> Excellent harsh chemical and outdoor resistance Exceptional abrasion, heat and steam resistance UL-recognised on specific label stocks 	<ul style="list-style-type: none"> PET / Polyester 	
Near Edge	NETMark IQ Wax-Resin	<ul style="list-style-type: none"> Dark images with solid fill and no show-through Fast print speeds Designed for tag, label and flexible packaging applications 	<ul style="list-style-type: none"> Vellum Matte coated papers Gloss papers Semi-gloss papers 	<ul style="list-style-type: none"> PP / Polypropylene PE / Polyethylene Polyolefin (e.g. Tyvek)
	NETFlex+ Wax-Resin	<ul style="list-style-type: none"> Designed for TTO flexible packaging applications Excellent print quality at all speeds up to 1000 mm/s Highly compatible at various darkness / energy settings Also available in 1100m & 1200m as NETFlex+ XL 	<ul style="list-style-type: none"> PP / Polypropylene PE / Polyethylene PET / Polyester 	
	NET330 Resin	<ul style="list-style-type: none"> Easy to use - no printer adjustments Doesn't smear or rub off, even with hot fill No image ghosting - heat resistance up to 260°C Withstands water and oils associated with food 	<ul style="list-style-type: none"> PP / Polypropylene PE / Polyethylene PET / Polyester 	

Wax range for Flat Head printers.



Food/Beverage



Health/Beauty



Logistics



Retail

SW150 Standard Wax

Economical Printing with Consistent Performance

Benefits

- Handles basic applications with ease
- Reliable, economical wax ink
- Print speeds up to 300 mm/s
- Lower printer darkness settings

Recommended Stocks

- Matte coated papers
- Vellum • Gloss papers
- Semi-gloss papers
- Floodcoats

SW200 Standard Wax

Efficient Wax Thermal Transfer Ribbon

Benefits

- General purpose labelling applications
- Highly compatible - no printer adjustments
- Remarkable blackness in print quality
- Good stock latitude
- Excellent print quality on flood coated labels

Recommended Stocks

- Matte coated papers
- Vellum • Gloss papers
- Semi-gloss papers
- Floodcoats



Compliance



Hang Tags



Shelf/Bin



Warehousing



Food/Beverage



Health/Beauty



Logistics



Retail

GP725 Resin-Enhanced Wax

High Performance Wax Thermal Transfer Ribbon

Benefits

- Easy to use - no printer adjustments
- Dark images with solid fill - no show-through
- Barcodes requiring multiple scans
- Versatile - wide range of stocks
- Provides good scratch & smudge resistance
- Sharp text and lines for highly readable barcodes

Recommended Stocks

- Matte coated papers
- Vellum • Gloss papers
- Semi-gloss papers
- Floodcoats • PP • PE
- Polyolefin

Technical Specifications

Film Thickness 4.5 Microns
 Total Ribbon Thickness .. 7.5 Microns
 Transmission Density 1.73 MacBeth Scale
 Printhead Flat Head
 Max Print Speed 12 IPS (300 mm/s)
 Image Darkness 1.3 RD

Technical Specifications

Film Thickness 4.5 Microns
 Total Ribbon Thickness .. 8.1 Microns
 Transmission Density >4.0 MacBeth Scale
 Printhead Flat Head
 Max Print Speed 10 IPS (250 mm/s)
 Image Darkness 1.9 RD

Technical Specifications

Film Thickness 4.5 Microns
 Total Ribbon Thickness .. 8.6 Microns
 Transmission Density 2.7 MacBeth Scale
 Printhead Flat Head
 Max Print Speed 14 IPS (350 mm/s)
 Image Darkness 1.9 RD

Did you know that IIMAK has a wax colour range? Check our **DC100** here.



Wax-Resin range for Flat Head printers.



Food/Beverage



Health/Beauty



Logistics



Retail



Automotive



Chemical



Industrial



Medical

PM308 Wax-Resin

Outstanding Print Quality

Benefits

- Dark black images
- Compatible print energy requirements
- Enhanced durability compared to wax
- Crisp character and line formation with dark solid fills

Recommended Stocks

- Matte coated papers
- PP • PE

PM255 Wax-Resin

Excellent Durability for Mid-Range Applications

Benefits

- Rough handling, abrasion and outdoor
- High scratch and smudge resistance
- Barcodes requiring multiple scans
- Resists occasional exposure to mild chemicals

Recommended Stocks

- Gloss papers
- Semi-gloss papers
- PP • PE • PET

Technical Specifications

Film Thickness 4.5 Microns
 Total Ribbon Thickness .. 8.4 Microns
 Transmission Density 2.6 MacBeth Scale
 Printhead Flat Head
 Max Print Speed 8 IPS (200 mm/s)
 Image Darkness 1.7 RD

Technical Specifications

Film Thickness 4.5 Microns
 Total Ribbon Thickness .. 6.8 Microns
 Transmission Density 1.2 MacBeth Scale
 Printhead Flat Head
 Max Print Speed 8 IPS (200 mm/s)
 Image Darkness 1.8 RD

Did you know that IIMAK has a wax-resin colour range? Check our **DC200** here.



Wax-Resin range for Near Edge printers.



Food/Beverage



Health/Beauty



Industrial



Pharmaceutical



Logistics



Medical



Retail



Frozen

NETMark IQ Wax-Resin

Wide Ranging Print Performance

Benefits

- Dark black barcodes & images
- Fast print speeds
- Good resistance to abrasion
- Recommended on desktop printers

Recommended Stocks

- Matte coated papers
- Vellum • Gloss papers
- Semi-gloss papers
- Floodcoats • PP • PE
- Polyolefin

NETFlex+ Wax-Resin

High Speed Coding for Flexible Packaging

Benefits

- Designed for TTO flexible packaging
- Speeds up to 1000 mm/s
- Produces dark, black imprints
- Performs well in ambient and cold environments

Recommended Stocks

- PP • PE • PET

NETFlex+ XL Wax-Resin

High Speed Coding for Flexible Packaging

Benefits

- Designed for TTO flexible packaging
- Coated on thinner 4µ PET film
- Allows for longer ribbons and printer autonomy
- Available ribbons lengths 1100m & 1200m

Recommended Stocks

- PP • PE • PET

Technical Specifications

Film Thickness 4.5 Microns
Total Ribbon Thickness .. 8.0 Microns
Transmission Density 1.1 MacBeth Scale
Printhead Near Edge
Max Print Speed 24 IPS (600 mm/s)
Image Darkness 1.7 RD

Technical Specifications

Film Thickness 4.5 Microns
Total Ribbon Thickness .. 6.2 Microns
Transmission Density 1.5 MacBeth Scale
Printhead Near Edge
Max Print Speed 40 IPS (1000 mm/s)
Image Darkness 2.0 RD

Technical Specifications

Film Thickness 4.0 Microns
Total Ribbon Thickness .. 5.7 Microns
Transmission Density 1.5 MacBeth Scale
Printhead Near Edge
Max Print Speed 40 IPS (1000 mm/s)
Image Darkness 2.0 RD

Did you know that IIMAK has a Near Edge wax-resin colour range? Check our **NETColour** here.



Resin range for Flat Head and Near Edge printers.



Automotive



Chemical



Durable Goods



Electronics



Industrial



Medical



Pharmaceutical



Outdoor

SP330 General Purpose Resin

High Durability for Heavy Duty Labelling Applications

Benefits

- Dark black images with exceptional sharpness
- Excellent scratch and smudge resistance
- Resists chemicals for cleaning and manufacturing
- Heat resistance up to 300°C
- Endures outdoor exposure

Recommended Stocks

- PP • PE • PET
- Nylon
- Polyimide
- Vinyl

SP575 Premium Resin

High Durability with Resistance to Harsh Chemicals

Benefits

- Resists harsh chemicals such as gasoline
- Exceptional abrasion resistance
- Withstands high heat and steam
- Endures outdoor exposure

Recommended Stocks

- PET



Food/Beverage



Health/Beauty



Medical



Pharmaceutical



Retail



Coffee

NET330 Resin

High Durability for Flexible Packaging

Benefits

- Easy to use - no printer adjustments
- Doesn't smear or rub off, even with hot fill
- No image ghosting - resistance up to 260°C
- Withstands water & oils associated with food

Recommended Stocks

- PP • PE • PET

Technical Specifications

Film Thickness 4.5 Microns
 Total Ribbon Thickness .. 6.2 Microns
 Transmission Density 1.0 MacBeth Scale
 Printhead Flat Head
 Max Print Speed 8 IPS (200 mm/s)
 Image Darkness >2.2 RD

Technical Specifications

Film Thickness 4.5 Microns
 Total Ribbon Thickness .. 5.7 Microns
 Transmission Density 1.6 MacBeth Scale
 Printhead Flat Head
 Max Print Speed 6 IPS (150 mm/s)
 Image Darkness >2.2 RD

Technical Specifications

Film Thickness 4 Microns
 Total Ribbon Thickness .. 6.3 Microns
 Transmission Density 1.0 MacBeth Scale
 Printhead Near Edge
 Max Print Speed 16 IPS (400 mm/s)
 Image Darkness 2.0 RD

Did you know that IIMAK has a resin colour range? Check our **DC400** here.



Quoting Ribbons by answering 4 questions.

The following questions will help you to recommend the correct ribbon to your customers. When you've gathered all this information, you can use the 'ribbon finder' on Inside IIMAK to find the right part number. Understanding requirements for flathead or near edge printers as well as knowing whether to offer wax, wax-resin or resin helps you to provide the right solution.

What is the application?

- Logistics
- Healthcare
- Retail
- Flexible Packaging

What is the stock and how wide is it?

The ribbon should always be slightly wider than the stock.

What level of durability is required?

- Scratch
- Smudging
- Chemicals
- Outdoor Exposure

What thermal printer are you using?

Get the make and model, length or current ribbon.

HAPPY CUSTOMERS

"Since shifting our business to IIMAK, selling TTR ribbons has become a pleasure! Rapid and effective service makes our lives easier. We value the marketing support we get."

"I wish every supplier was like IIMAK. Great support and service. We will definitely grow our business with IIMAK next year."

"We just received the goods. I'm impressed with the delivery time. This is like having a local supplier around the corner."

"We are always happy with the rapid deliveries of your ribbons and the customer service."



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