



THERMOPRO RIBBON

Enhanced Technology. Certified Quality. Every Print.
Standard & Custom Sizes for South Africa and Beyond.



THE THERMOPRO DIFFERENCE

Every label tells a story and the ribbon behind it determines whether that story holds up. In the field, in a freezer, through a wash cycle, under a chemical spill, across a high-speed packaging line. ThermoPro ribbons are engineered to perform exactly where performance matters.

Built on advanced anti-static coating technology and high-sensitivity inks, ThermoPro thermal transfer ribbons (TTR) deliver sharp, consistent image quality while actively protecting your printhead and reducing energy draw. The result: better prints, lower maintenance costs, and less downtime.

Our full range, from everyday wax to specialist near-edge and washcare resin, is converted to the exact specifications required by all major TTR printer brands, including Argox, Datamax, Godex, Honeywell, and SATO. Available off-the-shelf or cut to order at our in-house facility.

ENHANCED TECHNOLOGY

Anti-static coatings and high-sensitivity inks ensure trouble free printing at speed, extend printhead life, and reduce energy consumption without ever compromising on image quality.

CERTIFIED QUALITY & COMPLIANCE

ThermoPro ribbons are manufactured to rigorous industry standards, including FDA compliance for direct food contact applications. Stringent quality controls are built into every roll we produce.



A COMPLETE RANGE. ONE TRUSTED SOURCE.

ThermoPro offers a thermal transfer ribbon for every application, substrate, and operating environment. Whether you need a cost-effective wax for high-volume paper labels or a resin grade tough enough to survive chemical exposure, there's a ThermoPro ribbon specified for the job.



National 0861 KEMTEK Johannesburg +27(0)11 624 8000 Durban +27
(0)31 700 9363 Cape Town +27(0)21 521 9600 Gqeberha +27(0)41 364 3690
www.kemtek.co.za

ThermoPro Wax

General Purpose Labelling. Sharp Prints. Reliable Results.

ThermoPro Wax is our go-to ribbon for high-volume, general-purpose labelling. Designed for flat head thermal transfer printers, it delivers crisp barcode and text printing on a broad range of coated paper substrates. It combines solid image density with low-energy printing, which means less stress on your printhead and a lower cost-per-label over time.

The anti-static coating technology ensures smooth, trouble free media feed, making it the practical choice for logistics operations, retail labelling, warehousing, and everyday product identification. If you're printing barcodes, shipping labels, price tags, or inventory stickers at scale, ThermoPro Wax delivers the consistency you need without unnecessary complexity.

Ideal for: Barcodes, price tags, shipping labels, inventory management, retail and logistics applications.

Printer compatibility: All major flat head TTR printer brands.

Recommended Substrates:	✓	✓	✓	✓
	Uncoated Paper	Matte Coated Paper	Glossy Coated Paper	Synthetic

ThermoPro Wax Resin

Flexible. Durable. Ready for the Real World.

When a standard wax ribbon isn't quite enough but full resin is more than you need ThermoPro Wax Resin is the answer. This mid-range workhorse bridges the gap between economy and performance, combining the printhead friendly characteristics of a wax ribbon with enhanced resistance to abrasion, moisture, and common chemicals.

It runs reliably on both coated and uncoated paper, card, and a wide range of synthetic substrates including polyester, polyethylene, polypropylene, and PVC. The result is a ribbon that handles everything from food packaging and pharmaceutical labels to automotive part tags and outdoor logistics labels, without overengineering the solution or the cost.

For applications where labels will be handled frequently, exposed to humidity, or need to hold up in moderately demanding environments, ThermoPro Wax Resin gives you that extra durability where it counts.

Ideal for: Food packaging, pharmaceutical labels, logistics, automotive tags, outdoor labels, and any application requiring moderate resistance.

Printer compatibility: All major flat head TTR printer brands.

Recommended substrates:	✓	✓	✓	✓
	Uncoated Paper	Matte Coated Paper	Glossy Coated Paper	Synthetic

Synthetic (Polyethylene, Propylene and Polyester)

ThermoPro Resin

Superior Durability. Uncompromising Performance.

Some labels face conditions that would destroy lesser ribbons. Chemical spills. Abrasive handling. Extreme heat or cold. UV exposure. Solvents. If your labels need to survive any of these and remain scannable, legible, and compliant throughout ThermoPro Resin is what you specify.

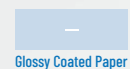
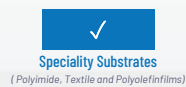
Engineered for the most demanding labelling applications, ThermoPro Resin produces rich, high-density prints with exceptional resistance to mechanical stress, chemicals, moisture, and a wide temperature range. It bonds permanently to synthetic substrates and coated papers, making it the standard choice for industrial labelling, pharmaceutical compliance, laboratory identification, healthcare applications, and anywhere traceability cannot be compromised.

The resin formulation doesn't limit your print speed or your choice of label stock, it simply gives you more of everything that matters in a high-stakes environment.

Ideal for: Industrial labelling, pharmaceutical and healthcare compliance, laboratory ID, chemical labels, electronics, aerospace, automotive, and any application requiring long-term durability.

Printer compatibility: All major flat head TTR printer brands.

Recommended substrates:



ThermoPro Washcare Resin

Built for Textiles. Built to Last.

Garment and textile labels have to survive what very few labels can: repeated machine washing at high temperatures, tumble drying, ironing, dry-cleaning, and exposure to industrial detergents and steam. A label that fades, smudges, or lifts after a few cycles doesn't just look unprofessional, it can create compliance and traceability problems.

ThermoPro Washcare Resin is specifically developed for textile and apparel labelling. It prints at high density on woven and synthetic fabric substrates, taffeta, satin, nylon, and holds up wash after wash. Ironing resistance is tested to 150°C, and the ink remains legible even after sustained exposure to industrial washing chemicals.

For care labels, brand tags, compliance labels, size labels, and workwear identification, ThermoPro Washcare Resin delivers the permanence and readability the industry demands.

Ideal for: Apparel care labels, garment branding, size labels, workwear and safety garment ID, textile compliance labelling.

Printer compatibility: All major flat-head TTR printer brands.

Recommended substrates:



ThermoPro Near Edge Resin

High-Speed Precision. Dynamic Packaging. No Compromise.

Near-edge and corner-edge printers operate at speeds that put standard flat-head ribbons under pressure. ThermoPro Near Edge Resin is engineered specifically for this printer technology, delivering the fast ink release and clean transfer needed to achieve sharp, scannable prints even at elevated production speeds.

It's the go-to ribbon for flexible packaging lines, TTO (Thermal Transfer Overprinting) applications, and any dynamic labelling environment where variable data batch codes, best-before dates, lot numbers, must be printed quickly, reliably, and with consistent image quality.

ThermoPro Near Edge Resin is compatible with leading near-edge printer brands and performs across a range of synthetic and flexible substrates, making it a versatile and reliable choice for FMCG, food and beverage, and industrial flexible packaging operations.

Ideal for: Flexible packaging, TTO date-coding, food and beverage lines, batch and lot coding, high-speed dynamic labelling.

Printer compatibility: Near-edge and corner-edge TTR printer brands.

Recommended substrates:	✓	✓	✓	✓
	Uncoated Paper	Matte Coated Paper	Glossy Coated Paper	Synthetic

Synthetic (Polyethylene, Propylene and Polyester)

ThermoPro Hot Stamping Foil

Cold-Condition Durability. Exceptional Adhesion. Premium Finish.

For applications that require more than print, ThermoPro Hot Stamping Foil delivers a distinct, premium, quality finish with excellent adhesion properties and outstanding resistance to freezing, extreme cold, water exposure, abrasion, and scratching.

Hot stamping foil is used across a range of industries where labels must perform in refrigerated or frozen storage environments, or where the labelling itself adds a visible quality cue to the product. It bonds reliably to a variety of surfaces and maintains its appearance and legibility through the harshest cold-chain conditions.

Whether you're labelling products destined for cold rooms, freezer storage, or premium retail packaging with enhanced visual impact, ThermoPro Hot Stamping Foil gives you the performance and appearance your application demands.

Ideal for: Cold-chain and freezer labelling, premium packaging, product identification in refrigerated and cold-water environments.

Recommended substrates: Compatible with a range of label stocks and packaging surfaces, consult your ThermoPro representative for substrate matching.

INDUSTRIES WE SERVE

ThermoPro ribbons are specified across a wide range of industries. From the production floor to the pharmacy shelf, the farm gate to the freight yard wherever labels need to perform, ThermoPro has a ribbon that fits.



Aerospace



Appliances



Automotive



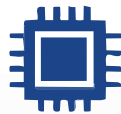
Logistics



Warehouse & Distribution



Chemical



Electronics



Flexible Packaging



Lumber



Horticulture



Food & Beverage



Fresh Produce



Health Care



Metals



Pharmaceutical



Retail



Textiles



Tyres

OFF-THE-SHELF OR CUT TO ORDER

ThermoPro ribbons are available to resellers and B2B customers across South Africa and into sub-Saharan Africa. Our full range is stocked in standard widths and lengths to match the most common TTR printer configurations on the market.

When your application requires something outside the standard, our in-house conversion facility can cut stock to your exact specifications. Minimum quantities apply, speak to your ThermoPro representative to discuss your requirements.

OFF-THE-SHELF AVAILABILITY

Standard widths and lengths stocked for all major TTR printer brands including Argox, Datamax, Godex, Honeywell, and SATO. Ready to ship.

CUT TO ORDER*

Need a non-standard size? Our in-house conversion facility cuts to your exact specifications. Minimum quantities apply. Ask us about lead times and pricing.



TALK TO US

Not sure which ribbon is right for your application? Our team is here to help. We work with customers across all industries to find the right ThermoPro ribbon for their specific substrate, printer, environment, and budget.

Whether you need a sample, a quote, or technical support to resolve a print quality issue, we're one call or email away.

ThermoPro Ribbon

☎ +27 (0)11 624 8000

✉ ribbons@thermoproribbon.com

*Recommended substrates for ThermoPro ribbons include, but are not limited to: PET, PVDC, PE, PP, P, and Aluminized Foil. FDA certification and compliance is as per accreditation afforded to the raw material manufacturer. *Minimum quantities apply when cut to order.*