

## Thermal Transfer Ribbons

# Product line overview

### Superior quality ribbons

Videojet thermal transfer ribbons offer high performance, excellent print quality and superior durability. Specific Videojet ribbons' raw materials are selected for regulatory compliance, environmental impact, sustainability and ethical production. Videojet ribbons are backed by certifications and other documentation to assure that they comply with appropriate standards and regulations.

The manufacturing processes of Videojet ribbons are designed to tightly monitor production and help maintain consistent quality from ink grinding to final packaging. With consistent production worldwide, you are sure to get ribbons with the high quality you can count on wherever you place your order with Videojet. Videojet ribbons demonstrate consistent performance, color and strength — from batch to batch.

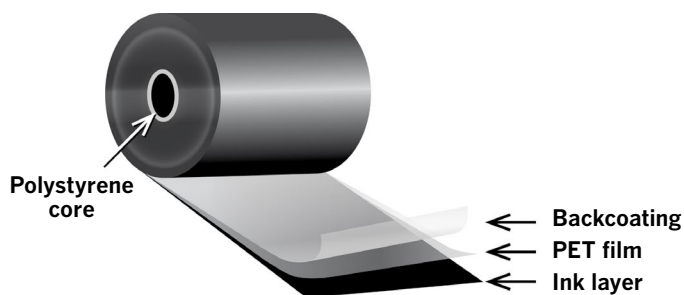
### Technologically advanced

Videojet thermal transfer ribbons are specifically engineered, tested and manufactured to optimize the performance of Videojet thermal transfer overprinters. Ribbon and printer compatibility helps ensure fewer ribbon breaks, better print quality and optimized adhesion with films, labels and other flexible materials.

Stringent testing protocols include raw material screenings combined with automated manufacturing processes to produce some of the best engineered, highest performing ribbons available in the marketplace.

### Backcoat technology

All Videojet ribbons feature advanced backcoat technology which helps to extend printhead life and in dissipating static charges.



*Backcoating technology designed to ensure printhead protection which helps to prevent static build-up while providing printhead lubrication*

### Applications

Videojet ribbons are widely used throughout the snack food, bakery and confectionery markets. They also demonstrate excellent performance in the frozen and refrigerated foods, meat and poultry, cosmetics and nutraceuticals industries.



### Videojet Thermal Transfer Overprinters (TTO)

Videojet TTO printers deliver high resolution images for marking variable information such as date, time, batch code, ingredients, logos and marketing messages onto flexible film packaging and labels. Available in 32mm, 53mm, 107mm and IP rated versions, these systems provide the ultimate in productivity and efficiency. Some models can utilize longer ribbon lengths of up to 1200m, helping to extend the time between ribbon changes.

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### Thermal Transfer Ribbon Selection

Ribbon name	Description	Applications
<b>Ultra</b>	High performance ribbon for general purpose applications	Salty/savory bagged snacks; meat and poultry; wrapped confectionery products; snack bars; nuts
<b>Standard</b>	General use solution for mid-range speeds	Salty/savory bagged snacks; fresh/frozen foods like vegetables, meat and poultry; dried fruit; candy
<b>Super Standard</b>	Provides extra adhesion and superior durability; recommended when printing on a variety of film types and speeds	Materials with smooth/glossy labels; pharmaceutical and nutraceutical labels and packages; trail mix; cosmetic/shampoo labels; nutrition and ingredients statements
<b>Premium</b>	Ideal for applications where adhesion is critical; well-suited for packages in harsh environments	Glossy/shiny packaging; pharmaceuticals; medical devices; automotive; high-end cosmetics (e.g. lipstick labels)
<b>Extreme Temp</b>	Optimal choice for hot-fill applications 82-90°C (180-195°F)	Fresh-made soups and packages filled with hot products

### Compare Videojet Thermal Transfer Ribbons

Key factors	Videojet Ultra Ribbon	Videojet Standard Ribbon	Videojet Super Standard Ribbon	Videojet Premium Ribbon	Videojet Extreme Temp Ribbon
Printing speed (mm/s)	1000	800	800	400	200
Substrate compatibility	●	●	●	○	●
90° bar code definition	●	○	●	●	●
Blackness/contrast	●	●	○	○	○
Smudge resistance	●	○	●	●	○
Scratch resistance	○	●	○	●	○
Number of available colors	1	10	2	5	1

● Superior results   ○ Very good results   ● Good results

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