

RIBBONS FOR FLEXIBLE PACKAGING PRINTING

As food, beverage, and durable goods output increases, so does the use of flexible packaging which requires variable data printing such as serial and lot numbers, expiration dates and barcodes. Variable data printing, also known as inline or online coding, is commonly performed by near-edge thermal transfer printers. The ribbons for these printers need to print clearly directly onto flexible packaging films, at high speeds, and provide smudge and scratch resistance.

USES

Snack & chip packaging, bakery packaging, meats & cheese packaging, powdered mixes & coffee packs, flexible packaging for frozen applications or hot processes, pharmaceutical & medical devices and hardware packaging.



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SIRIUS® NEAR-EDGE RIBBONS

HF12 Wax-Resin

Made in the USA near-edge wax-resin formulation for flexible packaging, date, lot and barcode printing applications. Compatible with films and synthetic substrates and prints at high speeds, up to 600mm/second (24ips). This ribbon is on a thinner (4.0micron) film than other near-edge ribbons, which allows for longer rolls that extend run times with fewer ribbon changes.

HF12.5 Wax-Resin

Same HF12 formula, but on 4.5micron PET film, so it has the same OD as competitive ribbons.

HF24 Wax-Resin

Compatible with flexible packaging films, synthetic label substrates, and coated paper substrates. Very good heat durability. Prints at speeds up to 500mm/second (~20ips).

HF29 Resin

For those applications that require additional print durability, HF29 Resin ribbon has excellent abrasion, smudge and chemical resistance while providing the same great print quality you've come to expect from Dynic ribbons. This ribbon is both food-safe (indirect contact) and FDA-listed for pharmaceutical and medical applications.

Dynic's Near-Edge Ribbons are compatible with Videojet, Markem, OpenDate, Bell-mark, Norwood, Domino and other digital printers.

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HF12 Near-Edge Wax-Resin



Total Thickness	6.5 +/- 1.0μ
Ink Color	Black
Ink Melting Point	70~80°C
Max. Print Speed	600 mm/second* *substrate and application dependent
Receiving Materials Include	Coated Papers Synthetics (Polypropylene & Polyester) Flexible Packaging Films

Durability	
Scratch Resistance	Very Good
Smear Resistance	Very Good
Chemical Resistance	Good
Water Resistance	Excellent

** Also available on 4.5micron film as HF12.5 **



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HF24 Near-Edge Wax-Resin



Total Thickness	7.0 ± 1.0μ
Ink Color	Black
Ink Melting Point	80°C
Max. Print Speed	500 mm/second* *substrate and application dependent
Receiving Materials Include	Coated Papers Synthetics (Polypropylene & Polyester) Flexible Packaging Films

Durability	
Scratch Resistance	Excellent
Smear Resistance	Excellent
Heat Resistance	Very Good
Chemical Resistance	Very Good
Water Resistance	Excellent



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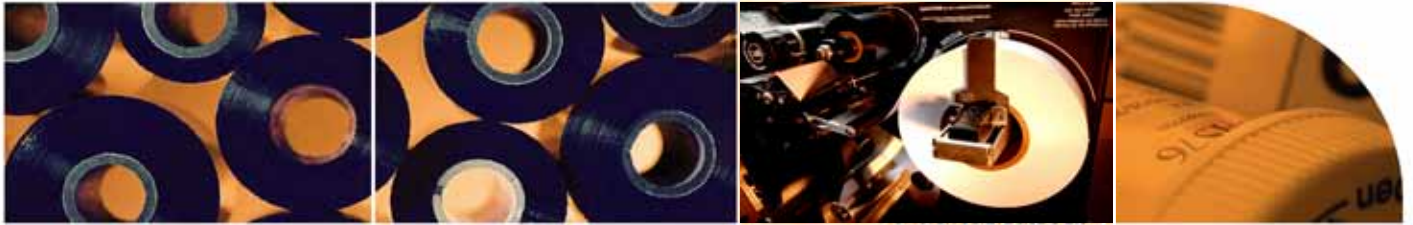
HF29 Near-Edge Resin



Total Thickness	7.0 ± 1.0μ
Ink Color	Black
Ink Melting Point	105°C
Max. Print Speed	300 mm/second* *substrate and application dependent
Receiving Materials Include	Flexible Packaging Films (OPP, ONY, PET)

Durability	
Scratch Resistance	Excellent
Smear Resistance	Excellent
Alcohol Resistance	Very Good





Sirius® Printhead Compatibility

Printer manufacturers have been known to threaten to void warranties or service contracts if thermal transfer ribbons are bought from another channel. US Consumer law states that a manufacturer's warranty cannot be voided due to using aftermarket consumables (such as non-OEM thermal transfer ribbons). Manufacturers are also prohibited from tying in service contracts to OEM consumables sales. Equipment manufacturer cannot require, verbally or in writing, that you buy supplies exclusively from them without violating the Sherman and Clayton Anti-Trust Acts.

Printer companies try to feed the belief that 3rd party consumables are somehow inferior to OEM products. In truth, few OEM's make their own consumables anyway, often relying instead on those same 3rd party suppliers to provide the ribbons they re-brand as their own.

All Dynic ribbons have anti-static backcoats to protect the printhead and extend printhead life. At Dynic USA Corporation, our goal is to exceed your expectations and provide the products you need to succeed with exceptional quality and service.

