

Near Edge Thermal Transfer Ribbons



Near Edge

Flexible Packaging

Flexible packaging is any non-rigid packaging structure used to package and protect products, that can be readily changed in shape. The packaging may be made up of paper, plastic film, foil, or any combination of these and includes pouches, bags, labels/wraps, lidding, shrink sleeves, and stretch film.

The industry continues to advance at an unprecedented rate replacing more traditional packaging, such as glass jars and metal cans, more and more each year as its benefits are acknowledged. These benefits include extended shelf life, improved cost economics, reduced pack weights, and lower transport costs.

DNP's near edge TTRs are specifically designed for next-generation thermal transfer printing. They offer superior performance for creating crisp, clean, sharp-looking barcodes for a wider variety of substrate materials.

DNP's Near Edge Products

M295C Specialty Near Edge Wax/Resin Color

With print speeds up to 20 IPS (508mm per second), M295C is ideal for flexible packaging applications where speed is critical in the manufacturing process. It offers durability and clear images for thermal transfer overprinting on prime retail packaging applications. Available in silver and bright white, M295C is widely acknowledged for its opacity, which provides dramatically visible printed images onto multi-colored prime retail packages.



Recommended Applications



Recommended Substrates - LabelLyte®, nylon, paper, Polyart®, polyester, polyester (woven), polyethylene, polyethylene (HDPE), polyethylene (LDPE), polypropylene, polypropylene (PP), Teslin®, Valeron®, vinyl, V-MAX®

M295HD High Density Near Edge Wax/Resin

This ribbon is a drop-in replacement for OEM and other aftermarket products including near edge printer brands like Domino, Markem-Image and Videojet. M295HD has high concentrations of resin in its ink layer providing extreme durability while also improving its ability to adhere to a wide-range of substrates. With a quick-release primer layer allowing for print speeds of up to 26 IPS (660mm per second), plus extreme darkness, this super versatile wax/resin ribbon is the ideal choice for any high-speed flexible packaging application.

Recommended Applications



Recommended Substrates - acrylic, Kapton®, LabelLyte®, nylon, overlamine, paper, paper (1C), paper (2C), plastic, Polyart®, polyester, polyethylene, polyethylene (HDPE), polyethylene (LDPE), polypropylene, polypropylene (BOPP), polypropylene (PP), polystyrene, Teslin®, Valeron®, vinyl, V-MAX®

R390 Near Edge Resin

R390 offers the same quality resin printing for near edge applications as the popular R300 does for flat head. It's exceptionally versatile on a wide variety of substrates and also prints at extremely high speeds for faster turnaround. R390 outperforms the competition in abrasion and solvent resistance, and contains DNP's specially formulated backcoat technology. It also prints clean, extremely durable, and dense barcodes.

Recommended Applications



Recommended Substrates - acrylic, COMPUcal®, KIMDURA®, LabelLyte®, overlamine, paper, paper (1C), plastic, Polyart®, polyester, polyethylene, polyethylene (HDPE), polyethylene (LDPE), polyolefin, polypropylene, polypropylene (BOPP), polypropylene (PP), polystyrene, polyvinyl chloride (PVC), taffeta, Tyvek®, Valeron®, vinyl

R396 High Speed Durable Near Edge Resin

R396 boasts printing speeds as high as 26 IPS (660mm per second), making it the choice for high-speed flexible packaging applications. In addition to its high performance, R396 exceeds competition in abrasion resistance and is a viable solution for applications such as parts packaging, medical devices, cosmetics, healthcare and pharmaceuticals.

Recommended Applications



Recommended Substrates - COMPUcal®, LabelLyte®, nylon, overlamine, paper, Polyart®, polyester, polyethylene, polyethylene (HDPE), polyethylene (LDPE), polyolefin, polypropylene, polypropylene (BOPP), polypropylene (PP), Trans-Therm®, vinyl

TR4500 Premium Near Edge Wax/Resin

TR4500 is the best ribbon on the market for thermal transfer printers equipped with near edge printheads. This ribbon prints dark images at high speeds and low energy settings on a wide variety of label and tag stocks from paper to low-end synthetics.

Recommended Applications



Recommended Substrates - acetate, acrylate, alphaMAX®, COMPUcal®, KIMDURA®, LabelLyte®, paper, paper (1C), paper (2C), Polyart®, polyester, polyethylene, polyethylene (HDPE), polyethylene (LDPE), polyolefin, polypropylene, polypropylene (BOPP), polypropylene (PP), polystyrene, spunbound olefin, Teslin®, Trans-Therm®, Tyvek®, Valeron®, vellum, vinyl, V-MAX®

**Pantone® Matching System (PMS) swatches are approximate representations of actual colors and may vary by substrate.*

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