



M295HD 4.0 micron

High Density Print on
Packaging Wax Resin

Technical Data Sheet



Product Description

M295HD 4.0 micron is a premium near edge wax/resin, specially designed for the increasing demands of the print-on-packaging industry. Offering higher print density and durability. With the 30 IPS print speed, makes M295HD 4.0 micron the perfect solution for flexible packaging applications. Developed for optimal performance in diverse applications such as Food and Beverage, Healthcare, Cosmetics and many others, M295HD 4.0 micron versatility results in less changeovers.

Applications



Food &
Beverage



Health &
Beauty



Pharmaceutical



Retail

Recommended Substrates

Synthetics

- ✓ Polypropylene
- ✓ Polyester
- ✓ Polyethylene
- ✓ Polyolefin

Other Materials

- ✓ Nylon
- ✓ Polystyrene
- ✓ Polyimide
- ✓ HDPE
- ✓ LDPE

Performance Characteristics

- ✓ Extremely fast print speeds up to 30 IPS (762 mm per second)
- ✓ Ultra high image density at standard heat settings
- ✓ Excellent rub resistance against oil and grease
- ✓ Crisp, dark & dense images provide optimal readability
- ✓ Anti-static for easy handling and extended printhead life
- ✓ DNP's specially formulated backcoating for printhead protection

More Info



RIBBON PROPERTIES

Description	Result	Test Method
Ink	Wax/Resin	
Color	Black	Visual
Total Thickness	5.6 ± 0.8μ	Weight
Base Film Thickness	4.0 ± 0.4μ	Weight

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.90	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 100 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 50 Cycles @ 200 Grams with Stainless Steel Pointed Tip

Label Stock: Lintec White PET WH50(A)

Print Speed: 10 IPS

*American National Standard Institute (ANSI) Grade Levels A, B, C, D, and F, where A is excellent, B is above average, C is average, D is below average, and F is poor.

PET 4.0 MICRON FEATURES



Durability

Excellent resistance to smudge, scratch and high temperature.



Sustainability

Environment friendly and delivery efficiency.



Strength

High tensile strength for high speed printing and rewinding process.



The information on this data sheet was obtained in DNP laboratories. Measured values may vary slightly when tested in a different environment. Information contained within this document is subject to change without notification.

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