DNP

VERSATILITY DEFINED

V390

Premium Near Edge Resin

Technical Data Sheet

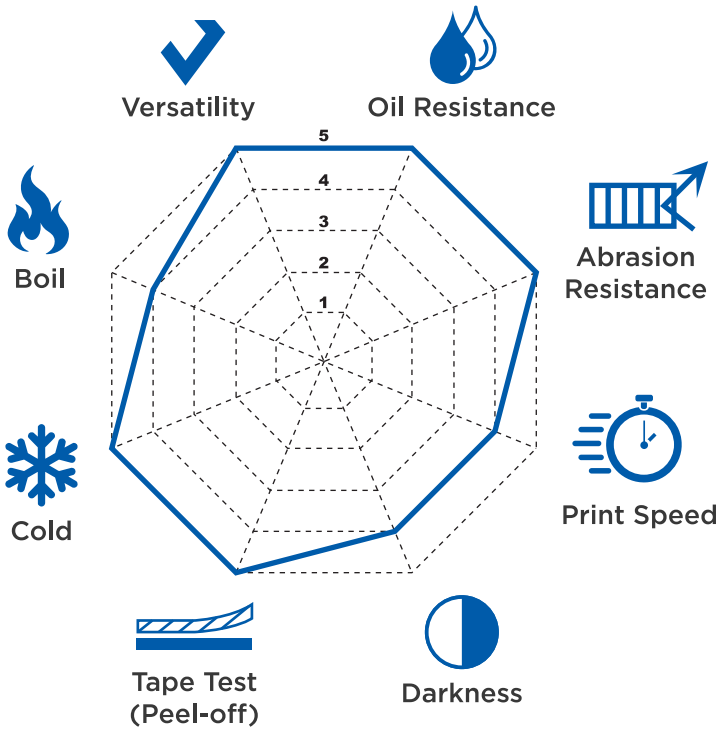
Product Description

Exceptionally versatile on a wide range of substrates, this near edge resin also prints at extremely high speeds for faster turnaround. V390 has high durability for greasy substances, such as edible fats/oils and chemicals, developed for optimal performance in diverse applications. Its specially designed formulation on a 4.0 micron PET base-film allows for extra-long production runs with fewer change-overs and less plastic waste due to thinner base-film.

Applications

- Food & Beverage
- Health & Beauty
- Pharmaceutical
- Automotive
- Chemicals
- Electronics
- Outdoor

Performance Characteristics



Recommended Substrates

Synthetics

- Polypropylene (OPP, CPP)
- Polyester
- Polyethylene

Specialty Materials

- Nylon
- Polyolefin

More Info

RIBBON PROPERTIES

Description	Result	Test Method
Ink	Resin	
Color	Black	
Total Thickness	5.5 ± 0.8µm	Weight
Base Film Thickness	4.0 ± 0.4µm	Weight

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.50	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 100 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 100 Cycles @ 380 Grams with Stainless Steel Pointed Tip

Label Stock: OPP/CPP/Film Print Speed: 8 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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