R380 Alcohol-Resistant Resin

Technical Datasheet August 2026

Flat Head Color

RIBBON PROPERTIES

Base Film Thickness	4.5 ± 0.4 µ
Ink Thickness	1.0 ± 0.3 µ
Total Thickness	5.8 ± 0.8 µ
Transfer Temperature	390°F / 199°C

PRINTER SUBSTRATES

- Polypropylene
- Polystyrene
- Vinyl (Topcoat)
- Polyesters (Gloss Topcoat)
- Polyesters (Matte Topcoat)
- Polyimide
- PVC Shrink Wrap

CERTIFICATIONS

- FDA Indirect Food Contact
- REACH Compliant
- RoHS Compliant



PRODUCT FEATURES

Outstanding Alcohol Resistance

- Proven to withstand repeated exposure to IPA, ethanol, and other harsh chemicals.

Superior Print Durability

- Delivers sharp barcodes and fine text with excellent resistance to scratching, smudging, and abrasion.

Optimized for Synthetic Labels

- Engineered for high-performance synthetic materials, including PET, PVC, Vinyl, and Polyimide.

INDUSTRIES & APPLICATIONS

- Appliances & Electrical
- Automotive
- Building & Industrial Supplies
- Chemicals
- Fashion & Textiles
- Food & Beverage
- Horticulture
- Inventory & Logistics
- Medical & Healthcare
- Personal Care
- Pharmaceutical & Supplements

The information on this datasheet 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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