

DNP

R380

Alcohol Resistant Resin

Technical Data Sheet



Product Description

R380 thermal transfer ribbons that prevent print loss or disappearance caused by solvents and chemicals. Ideal for printing barcodes on various labels and printing dates. The new lineup R380 achieves alcohol resistance and durability and is halogen-free, accommodating a wide range of applications from pharmaceutical labeling to outdoor use and it is compliant with REACH, RoHS, and FDA (indirect food contact).

Applications



Automotive



Chemicals



Electronics



Health & Beauty



Inventory & Logistics



Outdoor



Pharmaceutical

Recommended Substrates

Specialty Materials

- ✓ Polyimide Labels
- ✓ PET Labels
- ✓ PVC

Performance Characteristics

- ✓ Excellent Alcohol resistance
- ✓ Halogen-free
- ✓ Reduced Print Energy Use
- ✓ High-speed
- ✓ High-density
- ✓ Abrasion Resistant
- ✓ Printhead Protection

More Info



RIBBON PROPERTIES

Description	Result	Test Method
Ink	Resin	
Color	Black	Visual
Total Thickness	5.7 ± 0.8μ	Weight
Base Film Thickness	4.5 ± 0.4μ	Weight

DURABILITY OF PRINTED IMAGE

Description	Result	Test Method
Print Density	> 1.80	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: Top-coated Polyester Print Speed: 6 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.



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.

DNP IMAGINGCOMM ASIA SDN. BHD.

PLO 676, Jalan Nikel 4, Kawasan Perindustrian Pasir Gudang, 81700 Pasir Gudang, Johor, Malaysia



+607-257 8440



ttrsales@dnp-g.com



www.asia-dnpribbons.com



DNP Imagingcomm Asia TTR