

R510W Durable White Resin

Product Description

R510W has DNP's unmatched scratch and solvent resistance and has been designed with DNP's specially formulated backcoat technology for printhead protection. Like all of our ribbons, R510W is an industry leader in edge definition for clean, extremely durable and dense barcodes.

Recommended Applications



Chemicals



Electronics



Food & Beverage



Inventory & Logistics



Retail

Recommended Substrates

Specialty Materials Matte silver polyester
Gloss silver polyester
Chrome polyester
Clear polyester
PVC shrink tubing

Performance Characteristics

- ▶ Halogen-Free
- ▶ Smudge and scratch resistant
- ▶ Resistant to ethanol and isopropanol
- ▶ DNP's specially formulated backcoating for printhead protection
- ▶ UL recognized
- ▶ Industry leading in edge definition for clean, durable, and dense bar codes



for more info!

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Ribbon Properties

Description	Result	Test Method
Ink	Resin	
Color	White	Visual
Total Thickness	9.3 ± 0.5μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer
Ink Thickness	4.5 ± 0.2μ	Micrometer
Ink Melting Point	96°C (205°F)	Differential Scanning Calorimeter

Durability of Printed Image

Label Stock: PVC Shrink Tubing

Print Speed: 6 IPS

Description	Result	Test Method
Print Density	< 0.30	Densitometer

Conversion Chart

Millimeters (mm) to Inches = mm ÷ 25.4	Inches to Millimeters (mm) = Inches ÷ 0.03937
Meters (m) to Feet (ft) = m ÷ 0.3048	Feet (ft) to Meters (m) = Feet ÷ 3.2808
C° to F° = (1.8 X C°) + 32 = F°	F° to C° = (F° ÷ 1.8) - 17.77
Thousand square inches (MSI) to m ² = MSI X 0.645	m ² = MSI ÷ 0.645



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.