



Thermal Transfer Ribbon Technical Data Sheet

R350 Permanent Care Resin

Product Description

R350 is a highly durable resin for special garment care applications. It has incredible steam resistant qualities and is dry clean and laundry safe. This highly versatile ribbon prints on woven and nonwoven fabrics, films, synthetics, and satins. R350 utilizes less energy, and provides superior scratch, heat, and water resistance.

Recommended Applications



GARMENT



TEXTILES

Recommended Substrates

Woven and nonwoven fabrics, films, synthetics, satins, coated textile labels

Performance Characteristics

- Halogen-Free
- Steam resistant
- Dry clean and laundry safe
- Superior scratch and smear resistance
- Resistant to heat and water

The information on this data sheet was obtained in DNP IMS America 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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Ribbon Properties

Description	Result	Test Method
Ink	Resin	
Color	Black	Visual
Total Thickness	7.0 ± 1.0μ	Micrometer
Base Film Thickness	4.5 ± 1.0μ	Micrometer
Ink Thickness	2.5 ± 1.0μ	Micrometer
Ink Melting Point	150°C (302°F)	Differential Scanning Calorimeter

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	MSI = m ² ÷ 0.645

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