



## Thermal Transfer Ribbon Technical Data Sheet

### M295C Specialty Near Edge Wax/Resin Color

#### Product Description

M295C prints at speeds up to 20 IPS (508mm per second), making it ideal for flexible packaging applications where speed is critical in the manufacturing process. It offers durability and clear images for thermal transfer overprinting on prime retail packaging applications. M295C is available in silver and bright white and is widely acclaimed for its opacity, providing dramatically visible printed images onto multi-colored prime retail packages.



Silver



Bright White

#### Recommended Applications



BEVERAGES



COLOR



CONDIMENTS



COSMETICS



FLEXIBLE  
PACKAGING



HEALTHCARE



MEATS AND  
CHEESES



PARTS  
PACKAGING



PHARMACEUTICAL



PRODUCE



SNACK FOODS

#### Recommended Substrates

Polypropylene, polyethylene, polyolefin, nylon, polyester films

#### Performance Characteristics

- Halogen-Free
- Extremely fast print speeds up to 20 IPS (508mm per second)
- Perfect for prime retail flexible packages
- Remarkable image density
- Unbeatable Edge Definition™ for dark, dense images and improved scan rates
- DNP's specially formulated backcoating for printhead protection

*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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### M295C Specialty Near Edge Wax/Resin Color

#### Ribbon Properties

Description	Result	Test Method
Ink	Wax/Resin	
Color	Silver, Bright White	Visual
Total Thickness	Silver 6.1 ± 1.0µ	Micrometer
	Bright White 7.5 ± 1.3µ	Micrometer
Base Film Thickness	4.5 ± 0.5µ	Micrometer
Ink Thickness	Silver 1.6 ± 0.5µ	Differential Scanning Calorimeter
	Bright White 3.0 ± 0.8µ	
Ink Melting Point	75°C - 85°C (167°F - 185°F)	

#### Durability of Printed Image

Label Stock: Polypropylene

Print Speed: Up to 20 IPS

Description	Test Method
Test Method	Atlas CM-5 Crockmeter
Abrasion Resistance Test	Silver 200 Cycles @ 900 Grams with covered cloth
	Bright White 150 Cycles @ 900 Grams with covered cloth
Heat Resistance	Silver < 130°C (< 266°F)
	Bright White < 75°C (< 167°F)

#### Conversion Chart

Millimeters (mm) to Inches = mm ÷ 25.4	Inches to Millimeters (mm) = Inches × 25.4
Meters (m) to Feet (ft) = m ÷ 0.3048	Feet (ft) to Meters (m) = Feet × 0.3048
C° to F° = (1.8 X C°) + 32 = F°	F° to C° = (F° - 32) ÷ 1.8 = C°
Thousand square inches (MSI) to m <sup>2</sup> = MSI X 0.645	m <sup>2</sup> = MSI ÷ 0.645

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