



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



CONDIMENTS



COSMETICS



HEALTHCARE



MEATS AND CHEESES



MEDICAL DEVICES



PARTS PACKAGING



PHARMACEUTICAL



PRODUCE



SNACK FOODS

Recommended Substrates

Polypropylene, polyethylene, polyolefin, nylon, polyester films

Performance Characteristics

- 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.



Registered to
ISO 9001

REV 3-24-09

Visit us at www.dnpribbons.com

THE AMERICAS

DNP IMS America Corporation
4524 Enterprise Drive NW
Concord, NC 28027
UNITED STATES
TEL: +1.800.814.4672
FAX: +1.704.784.7196
EMAIL: sales@dnpribbons.com

DNP IMS America Corporation
1001 Technology Drive
Mt. Pleasant, PA 15666
UNITED STATES
TEL: +1.888.569.7222
FAX: +1.724.696.7555
EMAIL: sales_marketing@dnpribbons.com

EUROPE

DNP IMS Netherlands B.V.
Schipholweg 275
1171 PK Badhoevedorp
THE NETHERLANDS
TEL: +31.(0)2044.99510
FAX: +31.(0)2065.97979
EMAIL: sales@dnpribbons.eu

ASIA

Dai Nippon Printing Co., Ltd.
1-1-1 Ichigaya Kagamachi
Shinjuku-ku, Tokyo 162-8001
JAPAN
TEL: +81.3.5225.8644
FAX: +81.3.3265.4224
EMAIL: sales.asia@dnpribbons.com

DNP Singapore Pte. Ltd.
4 Pandan Crescent
SINGAPORE 128475
TEL: +65.6469.7611
FAX: +65.6466.8486
MOBILE: +65.9722.8995
EMAIL: ims@dnp.com.sg



Thermal Transfer Ribbon Technical Data Sheet

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 (<167°F)
	Bright White < 75°C (< 266°F)

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 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.



Registered to
ISO 9001
REV 3-24-09

Visit us at www.dnpribbons.com

THE AMERICAS

DNP IMS America Corporation
4524 Enterprise Drive NW
Concord, NC 28027
UNITED STATES
TEL: +1.800.814.4672
FAX: +1.704.784.7196
EMAIL: sales@dnpribbons.com

DNP IMS America Corporation
1001 Technology Drive
Mt. Pleasant, PA 15666
UNITED STATES
TEL: +1.888.569.7222
FAX: +1.724.696.7555
EMAIL: sales_marketing@dnpribbons.com

EUROPE

DNP IMS Netherlands B.V.
Schipholweg 275
1171 PK Badhoevedorp
THE NETHERLANDS
TEL: +31.(0)2044.99510
FAX: +31.(0)2065.97979
EMAIL: sales@dnpribbons.eu

ASIA

Dai Nippon Printing Co., Ltd.
1-1-1 Ichigaya Kagamachi
Shinjuku-ku, Tokyo 162-8001
JAPAN
TEL: +81.3.5225.8644
FAX: +81.3.3265.4224
EMAIL: sales.asia@dnpribbons.com

DNP Singapore Pte. Ltd.
4 Pandan Crescent
SINGAPORE 128475
TEL: +65.6469.7611
FAX: +65.6466.8486
MOBILE: +65.9722.8995
EMAIL: ims@dnp.com.sg