



## M260 ULTRA DURABLE WAX/RESIN Thermal Transfer Ribbon

### Product Description

M260 is DNP's most versatile and durable wax/resin ribbon. M260 is recognized by leading label manufacturers for its broad range of label adaptability, providing increased abrasion resistance and print sensitivity. This ribbon is perfect for printing long lasting images on coated tags, uncoated tags, flood coats, and glossy print media. M260 also prints at speeds up to 12 IPS utilizing less print energy than competing wax/resin ribbons.

### Recommended Applications



EXTREME ENVIRONMENT



GENERAL



INVENTORY



LOGISTICS



HEALTHCARE



ASSET TRACKING



RETAIL



TEXTILE



SHELF



AUTOMOTIVE



HORTICULTURE

### Recommended Substrates

Coated/uncoated paper, synthetic paper, polyethylene, polypropylene, polyolefin, flood coats, Kimdura®, Valeron®, Polyart®

### Performance Characteristics

- Extensive label adaptability expanding application options
- Remarkably low print energy used to create high quality barcodes
- Extreme abrasion and solvent resistance
- High speed printing up to 12 IPS
- Industry leading in Edge Definition™ for clean, durable, and dense barcodes
- DNP's specially formulated backcoating for printhead protection

### THE DAI NIPPON PRINTING GROUP

DNP is the world's largest manufacturer of thermal transfer ribbons for facsimile machines, barcode and dye- sublimation printers. DNP is also the world's largest diversified printing/coating technologies company. At its 40 plants, both in Japan and overseas, DNP's operations include publication printing, commercial printing, packaging, decorative materials, electronics, business forms and information media supplies. DNP is a Global Fortune 500 company with \$13 billion in annual revenue.

#### PRODUCTS

##### WAX

W110	General Purpose Wax
W137	Premium Plus Wax
W160	Ultra Durable Wax

##### WAX/RESIN

M260	Ultra Durable Wax/Resin
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##### RESIN

R300	General Purpose Resin
R316	Specialty Resin
R350	Permanent Care Resin
R510	Ultra Durable Resin

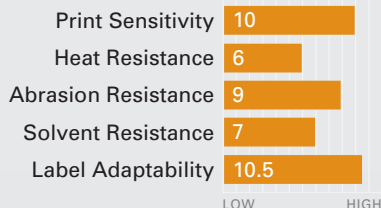
##### NEAR EDGE

W190	Near Edge Wax
M290	Near Edge Wax/Resin
M295	Specialty NE Wax/Resin
R390	Near Edge Resin

##### COLORS & METALLICS

W120C	General Color Wax
R316C	Specialty Color Resin
R510C	Durable Color Resin

#### M260 PROPERTIES



### Contact DNP

1.800.814.4672

www.dnpribbons.com

WAX/RESIN

TECHNICAL DATA SHEET

THE WORLD'S LARGEST THERMAL TRANSFER RIBBON MANUFACTURER

## RIBBON SPECIFICATIONS

DESCRIPTION	TECHNICAL SPECIFICATIONS
Ink	Wax/Resin
Color	Black
Ink Thickness	2.7 ± 0.2μ
Base Film Thickness	4.0μ
Ribbon Thickness	7.4μ
Ink Melting Point	67°C – 73°C (152.6°F – 163.4°F)
Print Density	>1.5

## PERFORMANCE OF PRINTED IMAGE

DESCRIPTION	TECHNICAL SPECIFICATIONS
Tested Substrate	Fasson® Trans-Therm® 1C
Test Method	Atlas CM-5 Crockmeter
Abrasion Resistance Test	250 cycles @ 900g covered with cloth*
Solvent Resistance Test	WATER 1000 cycles @ 248g covered with cloth*
	IPA 120 cycles @ 248g covered with cloth*
	BRAKE FLUID 1000 cycles @ 248g covered with cloth*
	KEROSENE 50 cycles @ 248g covered with cloth*
Heat Resistance	<70°C (<158°F)
Print Speed Range	2 to 12 IPS

## CONVERSION CHART

mm to in.	(mm ÷ 25.4)	in. to mm	(in. × 0.03937)
m to ft.	(m ÷ 0.3048)	ft. to m	(ft. × 0.3048)
C° to F°	[(1.8 × C°) + 32]	F° to C°	[(F° - 32) ÷ 1.8]
in. to m	(in. × 0.0254)	m <sup>2</sup> to MSI	(m <sup>2</sup> × 10.764)

## RIBBON STORAGE CONDITIONS

Temperature	5°C to 35°C (41°F to 95°F)
Humidity	10% to 85% relative humidity
Light	Avoid direct sunlight

\*Highest number of cycles where ANSI grade A can still be scanned.  
All information on data sheet generated at DNP laboratories worldwide. DNP reserves the right that measured values may vary slightly when tested under different environments. Information subject to revisions without notification.

Quality Systems  
ISO Registered



QUALITY SYSTEM  
REGISTERED TO  
ISO 9001:2000



MF0405

## WAX/RESIN

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