

R510HF

Ultra Durable Resin



Product Description

This halogen-free ribbon is one of the toughest resin ribbons on the market. It's the only halogen-free ribbon capable of handling extreme environmental labeling with unmatched scratch and solvent resistance. Designed with our standard anti-static and backcoat properties to protect the printhead, this product has unbeatable edge definition for crisp, extremely durable and dense barcodes for harsh environments.

Recommended Applications



Automotive



Chemicals



Compliance



Electronics



Health &
Beauty



Inventory &
Logistics



Outdoor



Pharmaceutical



Product Features

Abrasion Resistant	✓
Anti-static	✓
High-density	✓
Printhead Protection	✓
Proprietary Backcoat	✓
Solvent Resistant	✓

DNP

am.dnpribbons.com



DNP Global Locations
Americas China
Europe Oceania
Japan

DNP Imagingcomm America
Corporation
1001 Technology Drive
Mount Pleasant, PA 15666

TEL: +1 888.569.7222
FAX: +1 800.676.7669
EMAIL: info@dnp.imgcomm.com

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Product Specifications

Wax

TR4085plus® Premium Resin-Enhanced

MP Wax

Half Inch

Wax/Resin

MP Mid

TRX-55 Premium

TRX-50 General Purpose

M260 Ultra Durable

Resin

V300 Versatility Defined™ Resin

R300 General Purpose

R510HF Ultra Durable

R395 Textile

R316 Specialty

R550 Extreme Durable

TR4070 Classic

Near Edge

M295HD High Density Wax/Resin

TR4500 Premium Wax/Resin

R390 Resin

R396 High Speed Durable Resin

Colors & Metallics

TR3021 General Purpose Red Wax

TR3022 General Purpose Blue Wax

TR3023 General Purpose Green Wax

R510C Durable Color Resin

R510W Durable White Resin

TR3370 High Opacity White Resin

VR301 Durable Metallic Color Resin

M295C Specialty Near Edge Wax/Resin
Color

Recommended Substrates

Economy Synthetics	Polyester
Specialty Materials	PET Cards Polyimide PVC Cards Top-coated Vinyl

Ribbon Properties

Ink	Resin
Color	Black
Base Film Thickness	4.5 ± 0.4μ
Ink Thickness	2.4 ± 0.5μ
Total Thickness	6.9 ± 0.9μ
Ink Transfer Temperature	Uncoated Tag 202°C (396°F)

Product Compliance

- Compliant with REACH, RoHS and FDA (indirect food contact) regulations
- BS5609 certified and GHS compliant with FLEXcon DRUMcal 51932
- Halogen-free
- UL and cUL Labeling References:
 - 3M file #PGJI2.MH16411, PGJI2.MH18072, PGJI2.MH45276
 - Avery file #PGJI8.MH17205, PGJI8.MH20558, PGJI8.MH20580, PGJI8.MH26285, PGJI8.MH27538
 - FLEXcon file #PGJI2.MH16635

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