

# 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	✓
FDA (indirect food contact)	✓
Halogen-free	✓
High-density	✓
Printhead Protection	✓
Proprietary Backcoat	✓
Solvent Resistant	✓



# DNP

[dnpribbons.com](http://dnpribbons.com)



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## Product Specifications

### Wax

Half Inch  
MP Wax  
TR3021 Red  
TR3022 Blue  
TR3023 Green  
TR4085plus® Premium Resin-Enhanced

### Wax/Resin

M260 Ultra Durable  
TRX-50 General Purpose  
TRX-55 Premium

### Resin

R300 General Purpose  
R316 Specialty  
R395 Textile  
R510C Durable Color  
R510HF Ultra Durable  
R510W Durable White  
TR3370 High Opacity White  
TR4070 Classic  
VR301 Durable Metallic Color

### Near Edge

M295 Plus Specialty Wax/Resin  
M295C Specialty Wax/Resin Color  
R390 Resin  
R396 High Speed Durable Resin  
TR4500 Premium Wax/Resin

### Recommended Substrates

Economy Synthetics

Polyester

Specialty Materials

PET Cards  
Polyimide  
PVC Cards  
Top-coated Vinyl

### Ribbon Properties

Ink

Resin

Color

Black

Base Film Thickness

$4.8 \pm 0.3\mu$

Ink Thickness

$2.7 \pm 0.2\mu$

Total Thickness

$7.5 \pm 0.5\mu$

Ink Transfer Temperature

Uncoated Tag 202°C (396°F)



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