

## 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

<b>Abrasion Resistant</b>	✓
<b>Anti-static</b>	✓
<b>FDA (indirect food contact)</b>	✓
<b>Halogen-free</b>	✓
<b>High-density</b>	✓
<b>Printhead Protection</b>	✓
<b>Proprietary Backcoat</b>	✓
<b>Solvent Resistant</b>	✓



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# Product Specifications

## Wax

Half Inch  
 MP Wax  
 TR3021 Red  
 TR3022 Blue  
 TR3023 Green  
 TR4085plus<sup>®</sup> 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

<b>Economy Synthetics</b>	Polyester
<b>Specialty Materials</b>	PET Cards Polyimide PVC Cards Top-coated Vinyl

## Ribbon Properties

<b>Ink</b>	Resin
<b>Color</b>	Black
<b>Base Film Thickness</b>	4.8 ± 0.3μ
<b>Ink Thickness</b>	2.7 ± 0.2μ
<b>Total Thickness</b>	7.5 ± 0.5μ
<b>Ink Transfer Temperature</b>	Uncoated Tag 202°C (396°F)

