

R316

Specialty Resin



Product Description

This resin is the best in the industry for printing on coated and synthetic paper substrates. It is also able to withstand environmental temperatures of up to 220°C (428°F) making it perfect for applications like heat tunnel passage. Using remarkably low print energy settings, this ribbon produces high quality heat resistant barcodes. Designed with our standard anti-static and backcoat properties that protect the printhead, this ribbon produces clean, extremely durable and dense barcodes every time.

Recommended Applications



Electronics



Health & Beauty



Inventory & Logistics



Outdoor



Pharmaceutical



Product Features

Anti-static	✓
FDA (indirect food contact)	✓
Heat Resistant	✓
High-density	✓
Printhead Protection	✓
Proprietary Backcoat	✓
Reduced Printer Energy Use	✓

DNP

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

Paper	Coated Paper
Economy Synthetics	Kimdura® Polyart® Polyethylene Polyolefin Polypropylene Valeron® Synthetic Paper
Specialty Materials	Matte Kapton®

Ribbon Properties

Ink	Resin
Color	Black
Base Film Thickness	4.8 ± 0.3µ
Ink Thickness	3.0 ± 0.2µ
Total Thickness	7.8 ± 0.5µ
Ink Transfer Temperature	Uncoated Tag 171°C (339°F)



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