

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 171°C (339°F). Using remarkably low print energy settings, this ribbon produces high quality barcodes and text. 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



Automotive



Food & Beverage



Health & Beauty



Pharmaceutical



Retail



Product Features

Anti-static	✓
Heat Resistant	✓
High-density	✓
Printhead Protection	✓
Proprietary Backcoat	✓
Reduced Printer Energy Use	✓

DNP

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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

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	4.5 ± 0.4μ
Ink Thickness	2.4 ± 0.5μ
Total Thickness	6.9 ± 0.9μ
Ink Transfer Temperature	Uncoated Tag 171°C (339°F)

Product Compliance

- Compliant with REACH, RoHS and FDA (indirect food contact) regulations
- UL and cUL Labeling References:
 - 3M file #PGJ12.MH16411, PGJ12.MH18072
 - FLEXcon file #PGJ12.MH16635

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