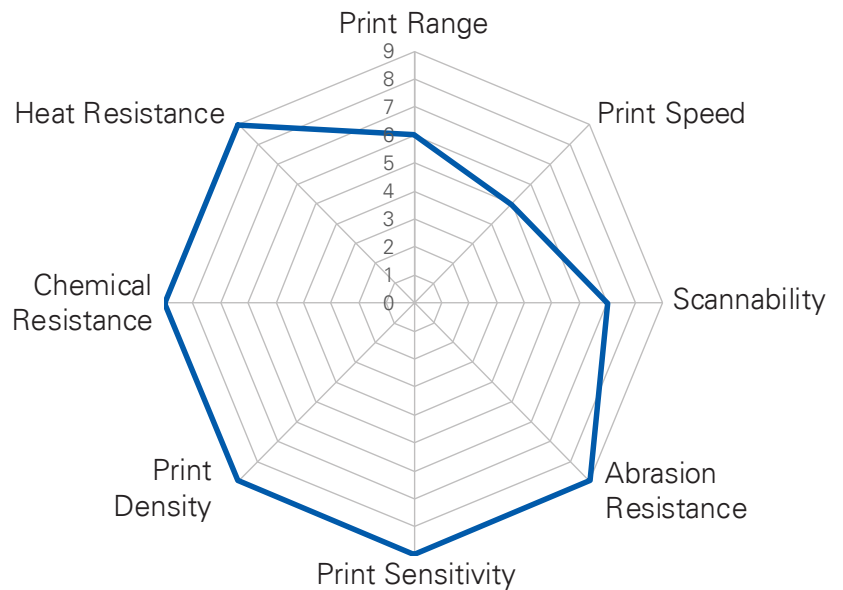


## R510(HF) Ultra Durable Resin

### Product Description

- ▶ Heat resistant up to 250°C
- ▶ Halogen-free
- ▶ Unmatched in abrasion and solvent resistance
- ▶ High density printing ensuring edge definition
- ▶ Anti-static for easy handling and extended printhead life
- ▶ DNP's specially formulated backcoating for printhead protection

### Performance Characteristics



### Recommended Applications



Automotive



Health and Beauty



Inventory and Logistics



Electronics



Pharma and Healthcare



Chemicals



Outdoors

### Recommended Substrates

Synthetics	
PP	● ● ●
PE	● ● ●
PET	● ● ●

## R510(HF) Ultra Durable Resin

### Ribbon Properties

Description	Result	Test Method
Ink Type	Resin	
Colour	Black	Visual
Total Thickness	7.5 ± 0.5 µm	Weight
Base Film Thickness	4.8 ± 0.3 µm	Weight
Ink Thickness	2.7 ± 0.2 µm	Weight

### Durability of Printed Image

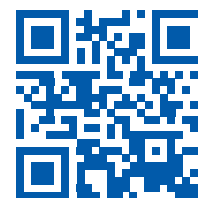
**Label Stock:** Topcoated Polyester

**Print Speed:** 6 IPS

Description	Result	Test Method
Print Density	> 1.90	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 100 Cycles at 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 50 Cycles at 200 Grams with Stainless Steel Pointed Tip

\*American National Standard Institute (ANSI) Grade Levels A, B, C, D, and F, where A is excellent, B is above average, C is average, D is below average, and F is poor.

### Compliance Certifications



[Learn more!](#)

*The information on this data sheet was obtained in DNP laboratories and is subject to change without notification.*

*Please note that measured values may vary slightly when tested in a different environment.*