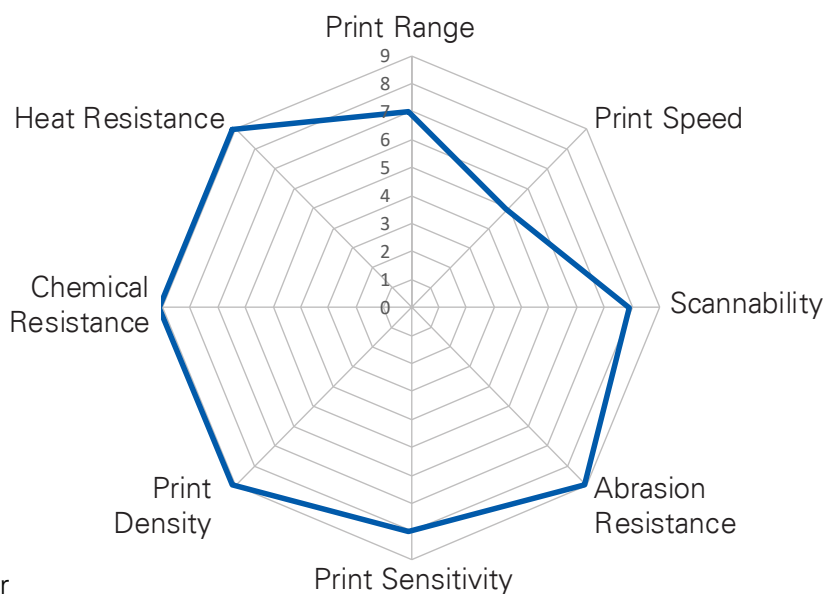


R550 Extremely Durable Resin

Product Description

- ▶ Heat resistant up to 300°C
- ▶ Unique high abrasion and solvent resistance
- ▶ Excellent readability of small characters
- ▶ High density printing ensuring edge definition
- ▶ Easy to use at medium printer heat settings
- ▶ 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	● ● ●

Papers

Vellum	○ ○ ○
Uncoated paper	○ ○ ○
Coated paper	● ○ ○

R550 Extremely Durable Resin

Ribbon Properties

Description	Result	Test Method
Ink Type	Resin	
Colour	Black	Visual
Total Thickness	6.5 ± 0.8 µm	Weight
Base Film Thickness	4.8 ± 0.4 µm	Weight
Ink Thickness	1.7 ± 0.4 µm	Weight

Durability of Printed Image

Label Stock: FLEXcon THERMLfilm ADVANTAGE Value White

Print Speed: 4 IPS

Description	Result	Test Method
Print Density	> 2.70	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.