

## ✓300

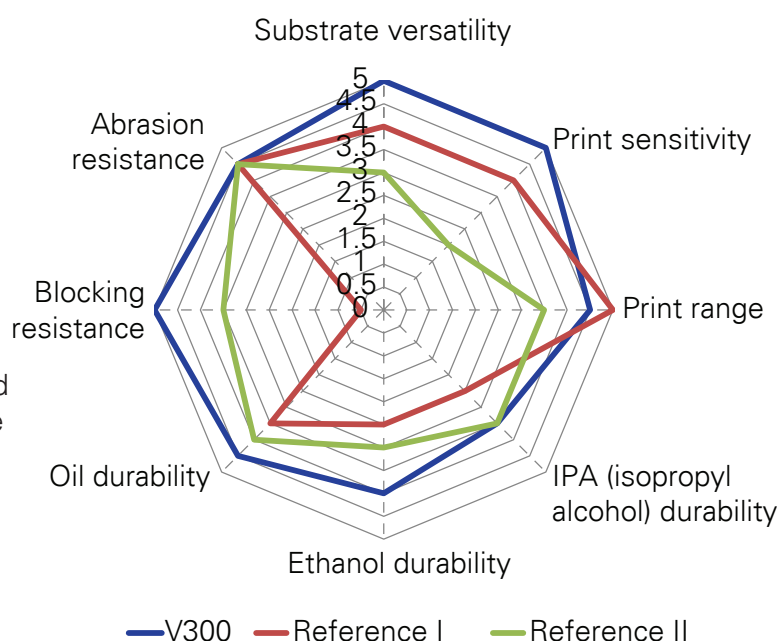
**VERSATILITY**  
DEFINED

## The most versatile resin ribbon for flat-head printers

### Product Description

- ▶ The most versatile resin ribbon printing on a wide variety of substrates improving productivity
- ▶ High print sensitivity saving energy and allowing for a longer print head lifecycle
- ▶ Capability of printing in a broad area of heat settings, allowing for better efficiency
- ▶ Outstanding IPA (isopropyl alcohol), ethanol and oil resistance, offering high quality prints where durability is key
- ▶ Excellent blocking resistance allowing for no issues with ink transferring to the ribbon back-coating, assuring for problem-free print results and saving the print head against wear-off
- ▶ Great abrasion resistance making it a great solution for item tracking where lasting readability is required

### Performance Characteristics



*The graph showcases an average of results based on tests printed with Zebra 140xi4, SATO408Rex, on PET, PP and paper*

### Recommended Industries



Food and Beverage



Health and Beauty



Pharma and Healthcare



Chemicals



Outdoors



Automotive



Electronics

### Recommended Substrates

#### Synthetics

PP	● ● ●
PE	● ● ●
PET	● ● ●

#### Paper

Vellum	●
Uncoated paper	●
Coated paper	● ●

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## VERSATILITY DEFINED

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#### Ribbon Properties

Description	Result	Test Method
Ink Type	Resin	
Colour	Black	
Total Thickness	5.8 ± 0.8 µm	Weight
Base Film Thickness	4.5 ± 0.4 µm	Weight
Ink Thickness	1.3 ± 0.4 µm	Weight

#### Durability of Printed Image

**Label Stock:** Fasson PET

**Print Speed:** 6 IPS

**Printer Used:** Zebra 140xi4

Description	Result	Test Method
Print Density	> 1.50	Densitometer
Abrasion Resistance	A*	Colorfastness tester - 100 cycles / 800 grams with cardboard
IPA Resistance	A*	Colorfastness tester - 100 cycles / 200 grams
Ethanol Resistance	A*	Colorfastness tester - 100 cycles / 200 grams
Oil Resistance	A*	Colorfastness tester - 100 cycles / 500 grams
Heat Resistance	173°C (343°F)	Densitometer

\*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.

The information on this data sheet was obtained in DNP laboratories. Measured values may vary slightly when tested in a different environment. Information contained within this document is subject to change without notification.



Learn more!