

Enhanced Wash Care Resin Ribbon

SV520



PRODUCT DESCRIPTION

Sunavin SV520 is a premium-grade resin ribbon specially engineered for applications requiring exceptional resistance to water, detergents, and industrial-grade washing. With a high resin content and advanced formulation, it ensures long-lasting print quality on a wide variety of synthetic substrates under harsh environments.

This ribbon delivers superior durability in both high-temperature and high-friction conditions, making it ideal for demanding labeling tasks across textile care, industrial production, and outdoor use. It meets the requirements for wash care labels, garment tags, and industrial ID labels.

RECOMMENDED SUBSTRATES

- Nylon & Polyester Labels
- Satin & Taffeta Labels
- Polyimide Films
- Synthetic Film Labels
- Garment Care Labels

RIBBON PROPERTIES

PET Film Thickness	4.5±0.3 µm
Ribbon Thickness	6.5±0.3 µm
Ink Layer Thickness	2.0±0.3 µm
Color	Black
Compatible Printhead	Flat Head

PRINTING PERFORMANCE

Darkness	1.7 ODR
Sharpness	90 %
Transfer Sensitivity	40 %
Print Speed	101.6 mm/s (4 ips)
Energy Setting	Ultra High
Melting Point	110 °C

CERTIFICATIONS & APPROVALS



TYPICAL APPLICATIONS



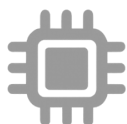
Logistics & Warehousing



Retail & E-commerce



Industrial & Manufacturing



Electronics



Automotive & Chemicals



Apparel & Textiles



Healthcare & Pharmaceuticals



Horticulture & Outdoor



Special Use



PRINTING QUALITY

0° barcode



Sharpness



90° barcode



Graphics



STORAGE CONDITIONS

Temperature	5°C - 35°C (41°F - 95°F)
Humidity	20% - 80% (RH)
Avoid	Direct sunlight
	High temperature & humidity
	Exposure to chemicals

RIBBON RESISTANCE

Smudge	● ● ● ● ●
Scratch	● ● ● ● ●
Abrasion	● ● ● ● ●
Solvent	● ● ● ● ●
Heat	● ● ● ● ●