

Specialty Near-edge Wax/ Resin Ribbon

SV316



PRODUCT DESCRIPTION

Sunavin SV316 is a specialty near-edge wax/resin ribbon engineered for high-speed, high-demand flexible packaging environments. With excellent sensitivity, print definition, and abrasion resistance, it is designed to deliver consistent, durable prints even at speeds up to 24 ips.

Compared to standard near-edge ribbons, SV316 provides enhanced resistance to smudging, scratching, and moderate solvents, making it ideal for industrial applications such as food packaging, pharmaceutical coding, and cosmetics labeling.

RECOMMENDED SUBSTRATES

- BOPP / OPP / CPP / PET films
- Laminated films
- PE / PP / PET synthetic labels
- Varnished / Pre-printed labels
- Medical Packaging Paper

RIBBON PROPERTIES

PET Film Thickness	3.8±0.3 µm
Ribbon Thickness	6.2±0.3 µm
Ink Layer Thickness	2.4±0.3 µm
Color	Black
Compatible Printhead	Near-edge

PRINTING PERFORMANCE

Darkness	1.9 ODR
Sharpness	95 %
Transfer Sensitivity	100 %
Print Speed	609.6 mm/s (24 ips)
Energy Setting	Medium to High
Melting Point	78 °C

CERTIFICATIONS & APPROVALS



TYPICAL APPLICATIONS



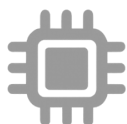
Logistics & Warehousing



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	● ● ● ● ○