

## UV-Readable Resin Ribbon

# SV736



### PRODUCT DESCRIPTION

Sunavin SV736 is a specialty resin-based thermal transfer ribbon formulated with UV-sensitive pigments, making it ideal for invisible or covert printing applications where information must remain hidden under normal light but become visible under ultraviolet (UV) exposure.

It prints sharp, secure images on a variety of synthetic label stocks, and features excellent resistance to smudging, abrasion, and chemicals. With good compatibility on both coated papers and films, SV736 is a preferred solution for industries requiring anti-counterfeiting, compliance marking, or hidden traceability.

### RECOMMENDED SUBSTRATES

- Coated Synthetic Films
- Varnished or UV-Coated Labels
- Void Labels / Destructible Films
- Transparent Synthetics

### RIBBON PROPERTIES

PET Film Thickness	4.8±0.3 µm
Ribbon Thickness	6.2±0.3 µm
Ink Layer Thickness	1.4±0.3 µm
Color	Black
Compatible Printhead	Flat Head

### PRINTING PERFORMANCE

Darkness	N/A
Sharpness	90 %
Transfer Sensitivity	80 %
Print Speed	50.8 mm/s (2 ips)
Energy Setting	Low to Medium
Melting Point	70 °C

### CERTIFICATIONS & APPROVALS



## TYPICAL APPLICATIONS



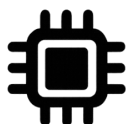
Logistics & Warehousing



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	● ● ● ◐ ○