



# UV RESIN RIBBON

Ultra Violet Resin



## Technical Data Sheet

### Product Description

DNP's UV Resin ribbons offer a covert feature for higher levels of security. This ribbon is almost invisible to the naked eye and will only fluoresce under ultra violet lighting. This product is ideal for applications where the end user does not want their solutions known in the public domain.

### Applications



Security

### Recommended Substrates

#### Paper

- ✓ Synthetic papers
- ✓ Mirror coated papers

#### Synthetics

- ✓ Coated PET label stocks

### Performance Characteristics

- ✓ Ribbon glows under UV / blacklight
- ✓ Printings are revealed under UV / blacklight
- ✓ Good compatibility with filmic labels or cards
- ✓ Printable on glossy paper

### Special Storage Conditions

- ✓ Avoid any light (both sunlight and electric light) as much as possible

More Info



**RIBBON PROPERTIES**

Description	Result	Test Method
Ink	Resin	
Color	Transparence	
Total Thickness	6.2 ± 0.8μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer

**DURABILITY OF PRINTED IMAGE**

Description	Result	Test Method
Print Density		
Smudge Resistance	A*	Colorfastness Tester - 50 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 20 Cycles @ 200 Grams with Stainless Steel Pointed Tip

Label Stock: PETWH50      Print Speed: 4 IPS

\*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.

**DNP IMAGINGCOMM ASIA SDN. BHD.**

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