



## Thermal Transfer Ribbon Technical Data Sheet

### SK62624 Specialty Resin

#### Product Description

SK62624 Specialty resin ribbon outperforms the competition in heat, abrasion and scratch resistance tests on quality packaging films. High print speed 26IPS capability on variety of films while exhibiting good resistance to heat /boil action and maintaining high print image quality, makes it perfect for flexible packaging applications. And, like all DNP ribbons, SK62624 is an industry leader in Edge Definition™ comes with DNP's patented exclusive anti-static and backcoat properties for easier handling and extra printhead protection.

#### Recommended Applications



BEVERAGES



CONDIMENTS



COSMETICS



FLEXIBLE  
PACKAGING



MEATS AND  
CHEESES



PARTS  
PACKAGING



PRODUCE



SNACK  
FOODS

#### Recommended Substrates

Polypropylene, polyethylene, polyolefin, nylon, polyester films & variety of films

#### Performance Characteristics

- Extremely fast print speeds up to 26 IPS (660mm per second)
- Perfect for prime retail flexible packages
- Remarkable image density
- Superior heat, abrasion and scratch resistance
- Unbeatable Edge Definition™ for dark, dense images and improved scan rates
- Anti-static for easy handling and extended printhead life
- DNP's specially formulated backcoating for printhead protection

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





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#### Ribbon Properties

Description	Result	Test Method
Ink	Resin	
Color	Black	Visual
Total Thickness	7.00 ± 0.6μ	Micrometer
Base Film Thickness	4.5μ ± 0.5μ	Micrometer
Ink Thickness	2.50 ± 0.5μ	Micrometer
Ribbon Transmission Density	> 1.05	Densitometer

#### Durability of Printed Image

Label Stock: Flexible Packaging Film

Print Speed: 2 to 26 IPS

Description	Result	Test Method
Print Density	> 1.50	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 20 Cycles @ 800 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 20 Cycles @ 380 Grams with Stainless Steel Pointed Tip

\*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.

#### Conversion Chart

Millimeters (mm) to Inches = mm ÷ 25.4	Inches to Millimeters (mm) = Inches ÷ 0.03937
Meters (m) to Feet (ft) = m ÷ 0.3048	Feet (ft) to Meters (m) = Feet ÷ 3.2808
C° to F° = (1.8 X C°) + 32 = F°	F° to C° = (F° ÷ 1.8) - 17.77
Thousand square inches (MSI) to m <sup>2</sup> = MSI X 0.645	MSI = m <sup>2</sup> ÷ 0.645

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