

## Sintering Ribbon High Temperature Specialty

### Product Description

DNP's Sintering Ribbon is unique in the TTR industry. The special ink formulation of this ribbon can be used at 430 °C or more to sinter, making it perfect for usage at extremely high temperatures.

Please note that the printed image is not durable before the calination process.

### Recommended Applications

Ceramic sinter line

### Recommended Substrates

Specialty Materials          Ceramic labels  
Aluminium labels

### Ribbon Properties

Description	Result	Test Method
Ink	Special	
Color	Black	Visual
Total Thickness	10.1 ± 1.6µ	Micrometer
Base Film Thickness	4.65 ± 0.4µ	Micrometer
Ink Thickness	5.45 ± 1.2µ	Micrometer



for more info!

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### Durability of Printed Image

Description	Result	Test Method
Print Density	Depends conditions	Densitometer
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

\*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 = $\text{mm} \div 25.4$	Inches to Millimeters (mm) = $\text{Inches} \div 0.03937$
Meters (m) to Feet (ft) = $\text{m} \div 0.3048$	Feet (ft) to Meters (m) = $\text{Feet} \div 3.2808$
$\text{C}^\circ \text{ to } \text{F}^\circ = (1.8 \times \text{C}^\circ) + 32 = \text{F}^\circ$	$\text{F}^\circ \text{ to } \text{C}^\circ = (\text{F}^\circ \div 1.8) - 17.77$
Thousand square inches (MSI) to $\text{m}^2 = \text{MSI} \times 0.645$	$\text{MSI} = \text{m}^2 \div 0.645$



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.