

## TR7541 Boiling resistant Resin

### Product Description

TR7541 has a super high boiling durability. This ribbon is especially created for flexible packaging which will be used in boiling water. Other features are the high durability for greasy substances. As all other DNP ribbons, TR7541 has an anti-static back coating.

### Recommended Applications



Food & Beverage



Health & Beauty



Retail



Pharmaceutical

### Recommended Substrates

Economy Synthetics  
Specialty Materials

Polypropylene  
Nylon  
PET  
UV varnished labels

### Performance Characteristics

- ▶ Super high boiling durability
- ▶ Anti-static
- ▶ Grease resistant
- ▶ Abrasion resistant
- ▶ Suitable for Flat Head and Near Edge printers



for more info!

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### Ribbon Properties

Description	Result	Test Method
Ink	Resin	
Color	Black	Visual
Total Thickness	6.6 ± 0.8μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer
Ink Thickness	1.8 ± 0.5μ	Micrometer
Ink Melting Point	70°C (158°F)	Differential Scanning Calorimeter

### Durability of Printed Image

Label Stock: Polyester, nylon films

Print Speed: 10 IPS

Description	Result	Test Method
Print Density	> 1.50	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 100 Cycles of 400 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 50 Cycles of 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



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.