DNP

TR3370

THE POWER OF ONE™

Thermal Transfer Ribbon Technical Data Sheet

TR3370 High Opacity White Resin

Product Description

DNP's opaque white resin, TR3370, was specifically formulated for PVC shrink tubing and is highly resistant to ethanol and isopropanol. This ribbon prints well on black, clear, and silver synthetic substrates and offers superior smudge and scratch resistance as well as durability. TR3370 contains DNP's specially formulated backcoat technology for printhead protection.

Recommended Applications

AGENCY


COLOR


ELECTRONIC COMPONENT


FLEXIBLE PACKAGING


RETAIL


SHELF


SIGNAGE


SNACK FOOD

Recommended Substrates

PVC shrink tubing, matt/gloss silver polyester, chrome polyester, clear polyester

Performance Characteristics

- Halogen-Free
- An opaque ribbon that prints well on black, clear, and silver synthetic substrates
- Smudge and scratch resistant
- UL recognized
- Resistant to ethanol and isopropanol
- DNP's specially formulated backcoating for printhead protection
- Specially formulated for shrink tubing applications

Visit us at www.dnpribbons.com

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Global Locations
USA
Japan
Europe
Asia

DNP

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Ribbon Properties

Description	Result	Test Method
Ink	Resin	
Color	White	Visual
Total Thickness	9.6 ± 0.5µ	Micrometer
Base Film Thickness	4.8 ± 0.3µ	Micrometer
Ink Thickness	4.8 ± 0.2µ	Micrometer
Ink Melting Point	104°C (219°F)	Differential Scanning Calorimeter

Durability of Printed Image

Label Stock: PVC Shrink Tubing Print Speed: 6 IPS

Description	Result	Test Method
Print Density	< 0.35	Densitometer

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^2 = MSI X 0.645	MSI = m^2 ÷ 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.

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