DNP Technical Data Sheet

TR3370 High Opacity White Resin

Product Description

TR3370 opaque white resin is 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 also contains DNP's specially formulated backcoat technology for printhead protection.

Recommended Applications


Chemicals


Electronics


Food & Beverage


Inventory & Logistics


Retail

Recommended Substrates

Specialty Materials	Matte silver polyester
	Gloss silver polyester
	Chrome polyester
	Clear polyester
	PVC shrink tubing

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

for more info!

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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

OHSAS 18001 ISO 9001 ISO 14001 REACH COMPLIANCE RoHS2 COMPLIANT UL

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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