

TR3370

SONY

R i b b o n D a t a S h e e t



S p e c i a l t y R e s i n



White Resin

Sony's opaque white resin, TR3370, offers superior smudge and scratch resistance as well as durability. It was specifically formulated for PVC shrink-wrapping and is highly resistant to Ethanol and Isopropanol.

Specific Features

- An opaque resin ribbon that prints well on black, blue, clear and silver synthetic substrates
- Features SmoothCoat™ backcoat
- Resistant to Ethanol and Isopropanol
- Suitable for shrink-wrapping applications
- Heat resistance up to 270°F

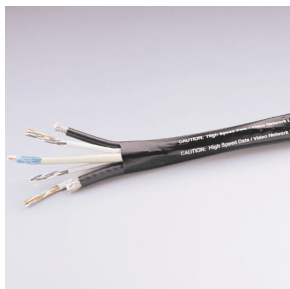
Recommended Applications

Component labels, electronic labels, direct packaging, retail tags, decal signs and banners



Warning Labels

Exceptional long-term durability of Sony's TR3370 images satisfies industrial and outdoor sign requirements.



Electronic Cable Labeling

Sony's TR3370 ribbons provide sharp, durable images in critical electronic applications.



Direct Package Printing

Scratch and smudge resistance make Sony's TR3370 ideal for direct package printing on flexible poly-bags.



Retail Tags

The use of various colored tags with Sony's TR3370 makes images easier to identify.

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S p e c i a l t y A p p l i c a t i o n

Ribbon Property		
Description	Specification	Measurement Method
Ink Material	Resin	—
Total Thickness (μm)	9.6 + 0.7, -1.2	Micrometer
Base Film Thickness (μm)	4.8 ± 0.4	Micrometer
Ink Thickness (μm)	3.6 - 4.5	Micrometer

Substrate: PVC Shrink Tubing	
Print Speed: 6 IPS	Print Density: 0.29
Ethanol Resistance ^a : High	Scratch Resistance ^a : High
Isopropanol Resistance ^a : High	—
^a Test Equipment: Colorfastness Tester —	
Conditions: Scratch Test: 50 cycles @ 200 grams with stainless steel pointed tip	
Isopropanol Resistance: 30 cycles @ 500 grams with cotton cloth	
Ethanol Resistance: 30 cycles @ 500 grams with cotton cloth	

Conversion Chart	
Millimeters (mm) to inches ▶ mm ÷ 25.4	Inches to mm ▶ Inches ÷ 0.03937
Meters (m) to Feet (ft) ▶ m ÷ 0.3048	Feet to Meters ▶ Feet ÷ 3.2808
C° to F° ▶ (1.8 x C°) + 32 = F°	F° to C° ▶ (F° ÷ 1.8) - 17.77 = C°
Thousand square inches (MSI) to m ² ▶ msi x 0.645	MSI = m ² ÷ 0.645

Recommended Applications
<i>Component labels, electronic labels, direct packaging, retail tags, decal signs and banners</i>

The information on this data sheet was obtained in Sony Chemicals Corporation 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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