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.
Ribbon Data Sheet

TR3370 Specialty Application

Ribbon Property

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
<th>Measurement Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ink Material</td>
<td>Resin</td>
<td>—</td>
</tr>
<tr>
<td>Total Thickness (µm)</td>
<td>9.6 ± 0.7, -1.2</td>
<td>Micrometer</td>
</tr>
<tr>
<td>Base Film Thickness (µm)</td>
<td>4.8 ± 0.4</td>
<td>Micrometer</td>
</tr>
<tr>
<td>Ink Thickness (µm)</td>
<td>3.6 - 4.5</td>
<td>Micrometer</td>
</tr>
</tbody>
</table>

Substrate: PVC Shrink Tubing

Print Speed: 6 IPS
Print Density: 0.29
Ethanol Resistance*: High
Scratch Resistance*: High
Isopropanol Resistance*: High

*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 - 32) ÷ 1.8 = °C
- Thousand square inches (MSI) to m² ► msi x 0.645
- MSI = m² ÷ 0.645

Recommended Applications

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

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.

Visit Watson Label Products - www.wlp.com