TR4075

SONY

Ribbon Data Sheet

Specialty Resin

TR4075's specially designed topcoat enables it to produce scratch-resistant images on preprinted or treated label surfaces. TR4075 provides excellent images on a wide range of high-end synthetic labels.

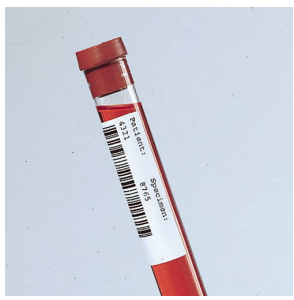
Specific Features

- *UL/CSA recognized*
- *Features Sony's SmoothCoat™ backcoat*
- *Ideal for shelf labeling applications*
- *Excellent smudge and scratch resistance*

Recommended Applications

Shelf labels, warning labels, tamper-evident labeling, drum labels, jewelry tags, component labels, automotive labels, CD and DVD spine labels.

Jewelry Tags
Sony ribbons offer scratch-resistant images on many preprinted or treated label stocks.



Pharmaceutical Labels
Sony ribbons provide dark, durable images for critical applications.

Shelf Labels
Clear, crisp Sony printed images are easily seen and read in retail applications.

Warning Labels and Signs
Exceptional long-term durability of Sony images satisfy industrial and outdoor sign requirements.

SONY

Sony Chemicals Corporation

ISO9001 ISO14001

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Specialty Resin

Ribbon Property		
Description	***Specification***	***Measurement Method***
Ink Material	Resin	—
Total Thickness (μm)	7.1 ± 0.5	Micrometer
Base Film Thickness (μm)	4.8 ± 0.4	Micrometer
Ink Thickness (μm)	1.5 ± 0.4	Micrometer
Ribbon Transmission Density	≥ 0.85	Densitometer
Print Density	≥ 1.5	Densitometer

Durability of Printed Image	
Label Stock: Topcoated White Polyester	
Print Speed: 6 IPS	Print Density: 1.98
Smudge Resistance: ANSI A[1]	Scratch Resistance: ANSI A[1]
Highly resistant to rubbing with Formula 409 and mineral spirits.	
Test Equipment: Colorfastness Tester	
Conditions: Smudge Test: 100 cycles @ 500 grams with cotton cloth	
Scratch Test: 50 cycles @ 200 grams with stainless steel pointed tip	
[1]Represents the American National Standard Institute (ANSI) Grade measured at the given conditions. Grade levels are 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 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

Shelf labels, warning labels, tamper-evident labeling, drum labels, jewelry tags, component labels, automotive labels, CD and DVD spine labels.

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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