TR6075

SONY

General Purpose Resin

TR6075 is a general purpose resin that prints at high speeds, up to 12 IPS, while maintaining high barcode and image quality. TR6075's superior chemical and abrasion resistance make it the perfect choice for general or demanding applications.

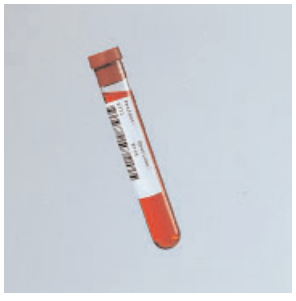
Specific Features

- *Produces excellent barcodes and variable images at higher speeds*
- *Higher durability than most resins on the market with greater solvent resistance*
- *Compatible with a vast array of substrates*
- *UL recognized*
- *Superior ability to dissipate static*
- *Heat resistance up to 170°C*
- *Prints at lower temperatures than most resins*

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.

Certified ISO 9001 / ISO 14001 by BVQI

Visit us at www.sonychemicals.com

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Ribbon Property		
Description	Specification	Measurement Method
Ink Material	Resin	—
Total Thickness (µm)	8.7 ± 0.8	Micrometer
Base Film Thickness (µm)	4.5 ± 0.4	Micrometer
Ink Thickness (µm)	1.4 ± 0.4	Micrometer
Ribbon Transmission Density	≥ 1.15	Densitometer
Print Density	≥ 1.6	Densitometer

Durability of Printed Image	
Label Stock: Top Coated White Polyester	
Print Speed: 8 IPS	Print Density: 2.40
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 @ 800 grams with cotton cloth	
Scratch Test: 100 cycles @ 380 grams with 3mm diameter steel ball	

[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

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Visit us at www.sonychemicals.com
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