

SONY



TR6080

H i g h P e r f o r m a n c e W a x / R e s i n



TR6080 is applicable on a wide range of labels. TR6080 provides superior scratch and smudge resistance on paper and synthetic substrates. TR6080 gives durability comparable to resin ribbons on selected labels.

Specific Features

- *Excellent on rough label stocks to high-gloss paper*
- *Excellent Durability*
- *High performance backcoat protects the printhead*
- *Prints at high speeds (up to 12 IPS)*
- *High print density*

Recommended Applications

Lumber tags, tote labels, wire tags, pharmaceutical labels, wrist bands, ski lift tags, hunting tags, nursery labels, retail tags and labels, and electronic and electronic component labels.



Shipping Labels
Sony ribbons deliver crisp rotated barcodes on coated and uncoated tag and 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.



Horticulture Tags
Sony ribbons are a durable, cost-effective solution for your barcoding applications.

TR6080

High Performance Wax/Resin

Ribbon Property		
Description	Specification	Measurement Method
Ink Material	Wax/Resin	—
Total Thickness (μm)	8.6 ± 0.6	Micrometer
Base Film Thickness (μm)	4.8 ± 0.5	Micrometer
Ink Thickness (μm)	3.7 ± 0.5	Micrometer
Ribbon Transmission Density	≥ 1.4	Densitometer
Print Density	≥ 1.9	Densitometer

Durability of Printed Image	
Label Stock:	Paper
Print Speed:	6 IPS
Print Density:	1.75
Smudge Resistance:	ANSI A ¹
Scratch Resistance:	ANSI A ¹
Test Equipment:	Colorfastness Tester
Conditions:	Smudge Test: 20 cycles @ 800 grams with cotton cloth
	Scratch Test: 20 cycles @ 380 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
Lumber tags, tote labels, wire tags, pharmaceutical labels, wrist bands, ski lift tags, hunting tags, nursery labels, retail tags and 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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