BLANCO™

Thermal Transfer Ribbon Technical Data Sheet

TR3021, TR3022, TR3023 General Purpose Wax

Product Description

Based on our proven wax technology, these quality ribbons expand your color possibilities while providing excellent print clarity and high smudge resistance when black just isn't enough. These ribbons are also specially formulated with backcoat technology for printhead protection.

TR3021 Red
PMS 1787C

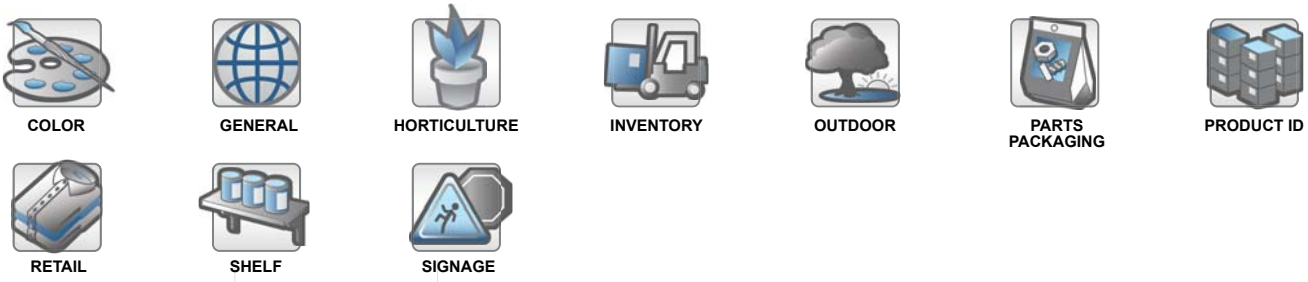
TR3022 Blue
PMS 286C

TR3023 Green
PMS 3405C

Colors may vary by substrate

PMS = Pantone Matching System

Recommended Applications



Recommended Substrates

Coated/uncoated paper & tag stocks, synthetic paper, polyethylene, polypropylene, top-coated vinyl, polyolefin, Tyvek®, Tyvek Brillion®

Performance Characteristics

- Halogen-Free (TR3022 - Blue)
- Provides excellent print clarity and is highly smudge resistant
- Prints at high speeds (12 IPS) delivering crisp, rotated bar codes
- Features a SmoothCoat® backcoat
- Unbeatable edge definition for dark, dense images and improved scan rates

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Ribbon Properties

Description	Result	Test Method
Ink	Wax	
Color	Red, Blue, Green	Visual
Total Thickness	8.4 ± 0.5µ	Micrometer
Base Film Thickness	4.8 ± 0.3µ	Micrometer
Ink Thickness	3.6 ± 0.2µ	Micrometer
Ink Melting Point	72°C (162°F)	Differential Scanning Calorimeter

Density of Printed Image

Label Stock: Coated Paper Print Speed: 6 IPS

Description	Result			Test Method
	Y	M	C	
Print Density - Red	0.84 - 1.18	1.24 - 1.90	0.01 - 0.26	Densitometer
Print Density - Blue	0.08 - 0.56	0.85 - 1.57	1.18 - 1.94	Densitometer
Print Density - Green	0.63 - 1.41	0.28 - 0.50	1.47 - 2.15	Densitometer

Conversion Chart

Millimeters (mm) to Inches = mm ÷ 25.4	Inches to Millimeters (mm) = Inches ÷ 0.03937
Meters (m) to Feet (ft) = m ÷ 0.3048	Feet (ft) to Meters (m) = Feet ÷ 3.2808
C˚ to F˚ = (1.8 X C˚) + 32 = F˚	F˚ to C° = (F° ÷ 1.8) - 17.77
Thousand square inches (MSI) to m^2 = MSI X 0.645	MSI = m^2 ÷ 0.645

The information on this data sheet was obtained in our 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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