

DNP

TR4085plus®

Premium
Resin-Enhanced Wax

Technical Data Sheet



Product Description

TR4085plus®, the industry's leading wax product since its introduction to the market in November 2000, features our SmoothCoat® backcoat. The unique ink formulation of TR4085plus® dissipates static and is versatile enough to print on a wide variety of label stocks. No other wax product beats TR4085plus® when it comes to edge definition for crisp, rotated barcodes and dark, durable images.

Applications



Food &
Beverage



Health &
Beauty



Inventory &
Logistics



Pharmaceutical



Retail

Recommended Substrates

Paper

- ✓ Uncoated tag stock
- ✓ Coated tag stock
- ✓ Uncoated paper
- ✓ Coated paper
- ✓ Gloss paper
- ✓ Flood-coated paper
- ✓ Synthetic paper

Synthetics

- ✓ Polypropylene
- ✓ Polyethylene
- ✓ Polyolefin

Specialty Materials

- ✓ Valeron®
- ✓ Kimdura®
- ✓ Polyart®
- ✓ UV varnished labels

Performance Characteristics

- ✓ Anti-static
- ✓ Halogen-free
- ✓ High-density
- ✓ High-speed
- ✓ Scratch Resistant
- ✓ Smudge Resistant
- ✓ SmoothCoat® Backcoat

More Info



RIBBON PROPERTIES		
Description	Result	Test Method
Ink	Wax (resin-enhanced)	
Color	Black	Visual
Total Thickness	8.0 ± 0.5μ	Micrometer
Base Film Thickness	4.8 ± 0.3μ	Micrometer

DURABILITY OF PRINTED IMAGE		
Description	Result	Test Method
Print Density	> 1.80	Densitometer
Smudge Resistance	A*	Colorfastness Tester - 50 Cycles @ 500 Grams with Cotton Cloth
Scratch Resistance	A*	Colorfastness Tester - 20 Cycles @ 200 Grams with Stainless Steel Pointed Tip

Label Stock: Coated Paper Print Speed: 6 IPS

*American National Standard Institute (ANSI) Grade Levels 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.



The information on this data sheet was obtained in DNP laboratories. Measured values may vary slightly when tested in a different environment. Information contained within this document is subject to change without notification.

DNP IMAGINGCOMM ASIA SDN. BHD.

PLO 676, Jalan Nikel 4, Kawasan Perindustrian Pasir Gudang, 81700 Pasir Gudang, Johor, Malaysia