



# T113L Enhanced Wax



SATO Ribbons | Flat Head

- Excellent Printing Quality
- Great Smudge and Heat Resistance
- High-Speed Printing



## **Trusted Dependability, Quality Assured, Exceptional Value**

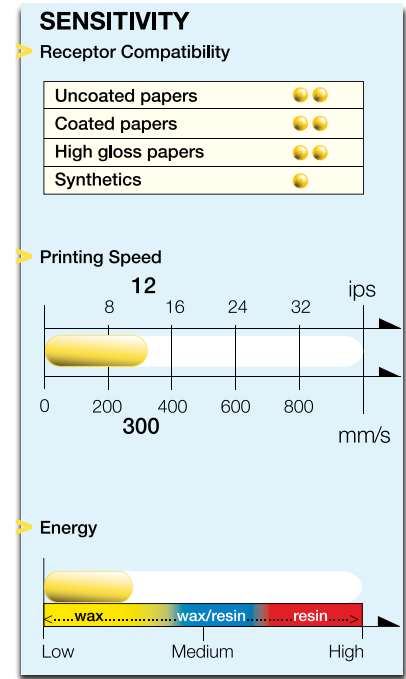
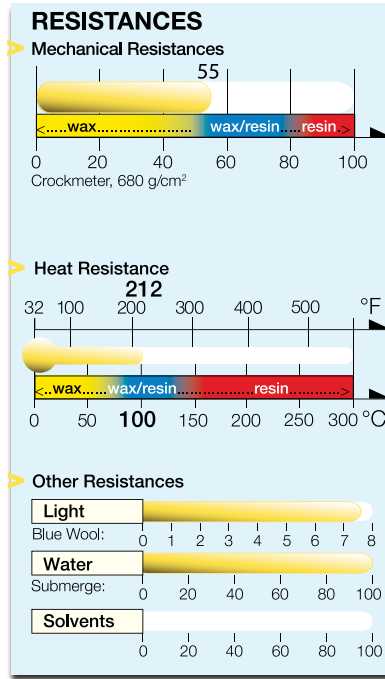
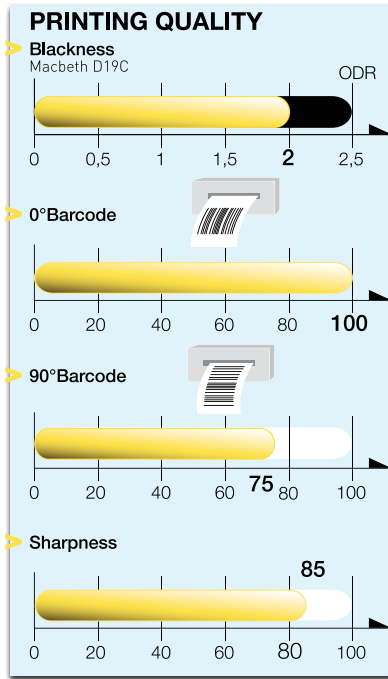
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T113L is a new generation resin enhanced wax ribbon, particularly adapted to standard label printing where good mechanical resistance is required.

The ink provides excellent print quality of standard and ladder barcodes, very small text, large characters and logos at a blackness of up to 2.0 (ODR). The ribbon structure allows printing on various receptors, such as coated and uncoated papers and some synthetics.

The printed image offers improved smudge resistance compared to standard wax and a heat resistance up to 212°F (100°C). These characteristics remain at speeds up to 12 ips (300 mm/s) with 200, 300 and 600 dpi print heads.

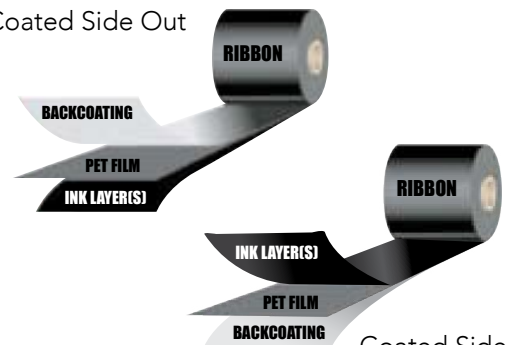
T113L features outstanding backcoat technology, ensuring excellent print head protection, preventing clogging and static buildup, which prolongs print head life and makes this ribbon suitable for printing on RFID tags.



## T113L RIBBON SPECIFICATIONS

<b>Backcoating</b>		Silicon based / Friction coefficient: Kd < 0.2
<b>PET Film</b>	<b>Thickness</b>	4.5 μm
	<b>Tearing Resistance</b>	> 300 N/mm <sup>2</sup> (MD)
<b>Ink</b>	<b>Type</b>	Wax
	<b>Melting Point</b>	149°F (65°C)
	<b>Blackness</b>	Up to 2.0 (ODR)
<b>Ribbon</b>	<b>Thickness</b>	< 8.5 μm
	<b>Storage</b>	12 months, 41-95°F (5-35°C), 20-80% Humidity Rate
	<b>Specs</b>	Anti-static buildup treated
<b>Heat Resistance</b>		Up to 212°F (100°C)

Coated Side Out



Coated Side In

## CERTIFICATIONS AND APPROVALS (for other standards, please contact us)

	1935/2004/EC Food contact (Europe)
<b>Heavy Metals</b>	EC 98/638
<b>RoHs/WEEE</b>	EC directives 2002/95 and 2002/96, compliance to the limitation of dangerous substances in electric and electronic equipments.
<b>Ames Test</b>	The ribbon is not mutagenic, does not cause DNA modifications.
<b>TSCA/CP 65</b>	The ribbon does not contain any of the substances on this list.
<b>EC Directives</b>	1999/45/EC and 2001/59/EC. The ribbon does not contain any substance classified as dangerous for health.

## APPLICATION FIELDS

Inventory, Shipping, Pharmaceutical, Cosmetics, Flexible Packaging, Flexible Packaging for Frozen Applications, Flexible Packaging for Hot Processes, Rating Plates, CDs, Retail Labeling, Care Labels, Signage & Logos, Laboratory, Healthcare, Tags, Food Contact, Livestock, Outdoor Applications, Conveyor Sorting, Chemical Drums, Automotive

**If your application is not among these, please contact us.**

**SATO AMERICA CORPORATE**

10350-A Nations Ford Rd  
Charlotte, NC 28273  
Phone: (704) 644-1650  
Fax: (704) 644-1662  
sales-sallc@sato-global.com

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