



For flat-head printers

A 'NEW' generation product: AG3 is a wax resin quality developed to complement the new generation of flat-head printers. An extremely versatile product, it offers excellent print performance on an even wider range of receiving materials than its predecessor, the AG2. It has high sensitivity and therefore runs at lower temperatures and higher speeds, with improved blackness of 2.1 (ODR) and heat resistance up to 100°C (212°F).

The enhancements of this premium wax resin product makes it the perfect choice for the flexible packaging industry and, as with all Toshiba ribbon products, its superior back coating offers the very best in printhead protection.

Toshiba AG3 ribbons – high quality smearless printing.

Characteristics

- Excellent multi-receptor compatibility
- High sensitivity, run at low energy
- High speed capability
- Improved blackness - crisp, black printed images
- Low noise

Specifications

Ribbon Thickness	Microns	< 10µm
Ink	Type	Wax/resin
	Melting point	65°C
Carrier	Type	Polyester film
	Thickness	4.5 ± 0.5 µm
	Tensile strength*	> 300 N/mm ² (MD)
Back Coating	Silicone product based	Low coefficient of friction: Kd < 0.2
Optical Density	Optical Density by Reflection (ODR)	> 2.1 (Macbeth D 19C)
Smudge Resistance*	No print damage after 200 runs (Crockmeter, smudge pressure of 680 g/cm ² load)	
Colours	● Black, ○ White, ● Blue (Reflex blue C), ● Red (1788 C), ● Green (Green C), ● Orange (151 C), ● Brown (463 C), ● Dark Blue (286 C), ● Dark Red (485 C), ● Dark Green (554 C) <i>N.B. Colours will remain under AG2 quality</i>	

Certifications and Approvals

B.G.A	Direct food contact EU
Heavy metals	EC 98/638
RoHs/WEEE	EC directives 2002/65 and 2002/96 compliance to the limitation of dangerous substances in electrical equipment
Ames test	Ribbon is non-mutagenic, does not cause DNA modifications
TSCA/CP 65	Ribbon does not contain any of the substances on this list
EC directives	1999/45/EC - ribbon does not contain any substances classified as dangerous to health

*Please note that not using Toshiba approved ribbons affects any printer and printhead warranties offered by TOSHIBA Europe. All company and/or product names are trademarks and/or registered trademarks of their respective owners. All features and specifications are subject to change without notice.

Always Choose Toshiba Ribbons for Toshiba Printers

The wide range of Toshiba ribbons available today ensures that our valued customers have different product options for virtually every thermal transfer application. Using Toshiba ribbons ensures optimum print quality causing minimum wear on working parts - in particular to the printhead.

Before a ribbon is certified by Toshiba it must first undergo stringent tests to ensure its continuity and reliability in the field. It is assessed on a variety of receiving materials, and at every speed and temperature combination. Only once this procedure is complete and deemed successful will the ribbon receive its certificate of approval.

This commitment to quality and reliability is what you would expect from Toshiba as the biggest thermal transfer ribbon distributor in Europe.

Other Approved Ribbon Types Available

Standard applications	<ul style="list-style-type: none"> ● Wax ● Wax resin 	<ul style="list-style-type: none"> ● Super wax resin ● Full resin
Specialist resins for	<ul style="list-style-type: none"> ● Wash-care & textile labelling ● Harsh chemical and industrial uses 	<ul style="list-style-type: none"> ● Extreme automotive and aviation environments

Colour ribbons are also available in all qualities including HazChem orange.

The Complete Toshiba Ribbon Range

	AW1	SW1	AG2	AG3	AG4	AG5	FG2	PG2	RG2	SG2	AS1	AS2	AS3	FS1	RS1	SS1
RIBBON TYPE																
General purpose wax	●	●														
General purpose wax resin (smearless)			●	●		●	●	●	●	●						
Scratch/solvent resistant resin											●			●	●	●
Economy resin/enhanced wax resin					●											
Specialist super resin												●				
Washcare textile resin													●			
PRINTER TYPE																
Old B series B-30, 402, 602, 65 & 63	●		●								●	●	●			
B-443, B-452, B-852, B-SV4T, & B-SA4T flat head printer	●	●	●	●						●	●	●	●			●
BX and SX near edge printer			●		●	●	●		●	●	●	●	●			●
CB-416-T3 and CB-426-T3 colour printer			●				●	●			●	●	●	●		
CB-416-T1 colour printer			●				●				●	●	●			
AVAILABLE IN COLOUR (AS2 in orange only)	●		●	●			●	●			●	●			●	
PREMIUM KIT REQUIRED! (colour printer only)								●							●	

TOSHIBA - leading the way through quality and innovation.

TOSHIBA

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