



### 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 (Performances expressed in this sheet are for the black ribbon)

Ink	Type	Wax/Resin
	Melting point	75°C (149°F)
Carrier	Film thickness	<9µm
	PET thickness	4.5µm
	Tensile strength	>300 N/mm <sup>2</sup> (MD)
Back Coating	Silicone product based	Friction coefficient Kd <0.2
Colours	<ul style="list-style-type: none"> <li>● Black, ○ White, ● Blue (Reflex blue C), ● Red (1788 C), ● Green (Green C), ● Brown (463 C), ● Dark Blue (286 C), ● Dark Red (485 C), ● Dark Green (554 C)</li> </ul>	

Ribbon is anti static build up treated. Storage: 12 months, 5-35°C (40-95°F), 20-80% Humidity

### Certifications and Approvals (For other standards, please contact us)

<b>LFGB</b>	Food contact (Europe)		UL/CSA Legibility and durability of the printed label.
<b>Heavy metals</b>	EC 98/638.		
<b>Ames test</b>	The ribbon is not mutagenic, does not cause DNA modifications.		
<b>TSCA</b>	The ribbon does not contain any of the toxic substances mentioned in this list.		
<b>RoHs/WEEE</b>	EC directives 2002/65 and 2002/96. The compliance to the limitation of dangerous substances in electrical equipment.		
<b>EC Directives</b>	1999/45/EC. The ribbon does not contain any substance classified as dangerous for health.		

## 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.

Other Approved Ribbon Types Available		
Standard applications	Wax	Wax/Resin
	Super wax resin	Full resin
Specialist resins for	Wash-care & textile labelling	Harsh chemical and industrial uses
	Extreme automotive and aviation environments	

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

## The Complete Toshiba Ribbon Range

Quality codes	AW3	AG2	AG3	AG4	AG5	AS1	AS2	AS3
* Available in colour	*	*	*	*		*		
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 and CB-426 colour printer		●				●	●	●
B-EV4 flat head printer	●		●			●		
SX-600 flat head printer						●		

## TOSHIBA - leading the way through quality and innovation.

\* Please note that not using TOSHIBA approved ribbons affects any printer and printhead warranties offered by TOSHIBA. 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.

All Toshiba's range of consumable products meet the current EU Directives for Health and Safety; ROHS; REACH; Banned Substances and Waste and Packaging.

**TOSHIBA**  
Leading Innovation >>>

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