



For near-edge printers

The AS1 is a new generation resin ribbon developed for applications requiring excellent mechanical and solvent resistance. It is the recommended product for use in harsh environment label printing for the chemical and pharmaceutical industries. The AS1 is compatible with most synthetic materials, and some matt and high gloss coated papers. It will withstand temperatures of up to 180°C (356°F) and has a blackness of 1.8 (ODR). It is UL recognized and has BGA approval (EU direct food contact). It also offers the very best in printhead protection, as with all Toshiba ribbon products.

Toshiba AS1 is the preferred choice for all images destined for harsh situations.

Available for

B-882	B-492	B-572	B-SX4	CB-426
B-682	B-372	B-672	B-SX5	
B-482	B-472	B-872	CB-416	

Characteristics

- Excellent print quality
- Multi receptor compatibility and sensitivity
- Good resistance to high temperatures
- Available in colours
- Outstanding scratch and solvent resistance

Specifications

Ribbon thickness	Microns	< 9 µm
Ink	Type	Resin
	Melting point	80°C
Carrier	Type	Polyester film
	Thickness	4.5 ± 0.3 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)	> 1.8 (Macbeth TR 927)
Smudge Resistance*	Printing is perfectly visible after 200 runs (Crockmeter, smudge pressure of 680 g/cm ² load)	
Colours	● Black, ○ White, ● Dark blue (286 C), ● Dark red (192 C), ● Green (Green C)	

*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	● Wax	● Super wax resin
	● Wax resin	● Full resin
Specialist resins for	● Wash-care & textile labelling	● Extreme automotive and aviation environments
	● Harsh chemical and industrial uses	

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

The complete Toshiba ribbon range

Quality codes	AW1	SW1	AG2	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

TOSHIBA TEC Europe Retail Information Systems S.A

Campus 300, Spring Way, Maylands Ave, Hemel Hempstead, Herts, HP2 7GG

Telephone: +44 (0)870 890 7200

Fax: +44 (0)870 890 7350

Email: marketing@toshibatec-eu.co.uk

Web: www.toshibatec-eu.com