



## For flat-head printers

The AS1 is a pure resin ribbon developed for applications requiring excellent mechanical and solvent resistance. It is suited to most synthetic materials such as PVC, PET, PP and various matt and gloss coated papers, and is the preferred choice for printed images that are exposed to harsh environments. The AS1 is UL recognised and BS5609 approved when used in association with the correct substrates. It has a heat resistance of up to 180°C (356°F) and, as with all Toshiba ribbon products, it offers the very best in printhead protection.

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

### Available for

B-442	B-452	B-SV4T	
B-443	B-852	B-SA4	

### 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 <sup>2</sup> (MD)
Back Coating	Silicone product based	Low coefficient of friction: Kd < 0.2
Optical Density*	Optical Density by Reflection (ODR)	> 1.5 (Macbeth TR 927)
Smudge Resistance*	Printing is perfectly visible after 200 runs (Crockmeter, smudge pressure of 680 g/cm <sup>2</sup> load)	
Colours	<ul style="list-style-type: none"> <li>● Black, ○ White, ● Dark blue (286 C), ● Dark red (192 C), ● Green (Green C)</li> </ul>	

\*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.

