

TOSHIBA AG3 WAX/RESIN

Extremely versatile

The AG3 is a new generation wax resin thermal ribbon developed to provide quality with the new range of flathead printers. The AG3 has some superior properties over the old generation AG2 that make this a highly versatile product. This new grade offers excellent print performance on an even wider range of receiving materials, from low quality uncoated vellum papers to high end synthetics.

AG3 has high sensitivity so runs at lower temperatures, prolonging printhead life and performs admirably at higher speeds. This product has an improved blackness of 2.1 ODR, and offers heat resistance up to 100°C (212°F) and its superior back coating offers even greater printhead protection.

The enhancements of this premium wax resin product makes it even

more ideal for those multiple application needs within the flexible packaging industry. As with all Toshiba ribbon products, the AG3's superior back coating offers the very best in printhead protection.

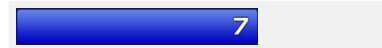
Characteristics

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

Ribbon performance



General purpose



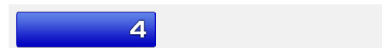
Smear resistance



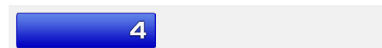
Scratch resistance



Chemical and solvent resistance



Heat resistance



Technical Specification

Properties

Ink Type: Wax/Resin
 Melting Point: 75°C (167°F)
 Film Thickness: 4.5 µm max.
 Back Coating: Silicone based
 Ribbon Thickness: 9 µm max.
 Optical Density Reflection: 2.1 min.

Storage

Ribbon is antistatic build up treated: 12 months, 5-35°C (40-95°F), 20-80% relative humidity.

Colours

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)

Compatible printers

B-EV4, B-442, B-443, B-452, B-852, B-SV4, B-SA4, B-SX600.

Regulatory information

Heavy metals

The ribbon does not contain heavy metals according to EC 98/638.

Ames Test

The ribbon is not mutagenic, does not cause DNA modifications.

TSCA - Toxic Substance Control Act

The ribbon does not contain any of the toxic substances mentioned in this list.

EU Directives

The ribbon does not contain any substances classified as dangerous for health.

The ribbon conforms to the EU Directives 1999/45/EC and 2002/65/EC.

RoHS - Restriction of Hazardous Substances

The ribbon does not contain any hazardous substances mentioned in the EU Directive 2002/95/EC.

WEEE - Waste Electrical and Electronic Equipment

The ribbon conforms to the EU Directive 2002/96/EC.

Certificates

