



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 image |
| 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 | <9 µm |
| | PET thickness | 4.5 µm |
| | Tensile strength | > 220 N/mm ² (MD) |
| Back Coating | Silicone product based | Friction coefficient Kd < 0.2 |
| Colours | ● Black, ● Blue (Reflex blue C), ● Red (1788 C), ● Green (Green C), ○ White, ● Grey (5425 C) ● Brown (463C), ● Dark Blue (286 C), ● Dark Red (485 C), ● Dark Green (554C) | |

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)

| | | |
|----------------------|---|--|
| Food contact | 1935/2004/EC |  UL/CSA Legibility and durability of the printed label. |
| Heavy metals | EC 98/638. | |
| TSCA | The ribbon does not contain any of the toxic substances mentioned in this list. | |
| RoHs/WEEE | EC directives 2002/65 and 2002/96. The compliance to the limitation of dangerous substances in electrical equipment. | |
| EC Directives | 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 Type 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 | |

The Complete Toshiba Ribbon Range

| Quality codes | AW1F | AW5 | AW6F | AW7F | AG2 | AG3 | AG4 AG4F | AG6E | AS1 AS1F | AS2 AS2F | AS3 AS3F |
|---|------|-----|------|---|-----|-----|-------------|------|-------------|-------------|-------------|
| * 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 | | | | | | | | | | | |
| 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 | | | | | | | | | • | | |
| B-EX Type 1 near edge printer | | | | | • | | • | • | • | • | • |
| B-EX Type 2 and 3 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

Henry Ho
Product Manager - Thermal Ribbons
Email: Henry.Ho@toshibatec.ca
Phone: 905 470-3500 Ext. 2168

Toshiba Tec Canada Business Solutions Inc.
75 Tiverton Court, Markham, Ontario L3R 4M8
Web: www.toshibatec.ca/

