

PREMIUM HIGH SPEED RESIN RIBBON

The Premium High Speed Resin ribbon is a premium, high performance flat-head resin ribbon which expands the boundaries of traditional resin formulations, in terms of print speed and image sensitivity. Z300 is capable of high-speed printing, up to 10 ips, allowing significant improvements to labeling productivity and the use in high-speed print/apply applications. The low energy characteristics of this ribbon allow users to reduce their printhead heat levels, extending the life and reducing the costs of printhead ownership and making the Z300 ideally suited for the rapidly growing desktop printer market, where printhead energy management can be more limited. The increased image sensitivity of this ribbon provides outstanding print quality onto a wide variety of materials, including newer value-priced films, providing an overall lower cost of ownership for the end-user. Our High-Speed Resin ribbon provides dark, crisp printed images and our proprietary anti-static back coating formulation dissipates static levels and works to extend the life of your valuable printheads.

BENEFITS

Reduce Total Cost of Ownership

- High print speed capability – up to 10 ips improves productivity
- Compatible with lower cost film materials for lower overall TCO
- Low energy requirement allows reduction in printhead heat and extends printhead life
- Outstanding abrasion, heat, and solvent resistance.
- Dark, dense images with exceptional sharpness
- Prints well on both paper labels and a wide variety of film materials.
- Plug & Play compatible with industry leading resins UL/CUL recognized

Graphic Controls is a global leader in data recording and marking products.



Chemicals



Sign & Post



Lab



Printed
Circuit Board



Tire



Storage

Best choice for extreme environments



COMPATIBLE WITH:

- Zebra
- Datamax
- Intermec
- SATO
- Honeywell
- Avery
- TCS
- Printronix

RECOMMENDED SUBSTRATES:

- Coated and uncoated thermal transfer papers
- Tags
- Gloss and semi-gloss papers
- Synthetic films
- PE, PP, PVC substrates

STORAGE CONDITIONS:

- Use within 12 months of ordering
- Keep away from UV and direct sunlight
- Temperature 5-35°C (40-95°F)
- Humidity 20-80%

PRODUCT LINE:

- General Purpose Wax ribbon
- Premium Resin-Enhanced Wax ribbon
- Premium Wax-Resin ribbon
- **Premium High Speed Resin ribbon**
- Near Edge / TTO Wax-Resin ribbon
- Near Edge / TTO Premium Wax-Resin ribbon
- Near Edge / TTO Premium High Yield ribbon

| RIBBON PROPERTIES | |
|-------------------|-------------|
| TOTAL THICKNESS | 6.0 ± 0.5µm |
| INK THICKNESS | 1.2 ± 0.2µm |
| GLOSSINESS | ≤ 50 Gs |
| ELECTROSTATIC | ≤ 0.15 Kv |
| OPTICAL DENSITY | ≥ 1.8 D |
| INK MELT POINT | 79° C |

