

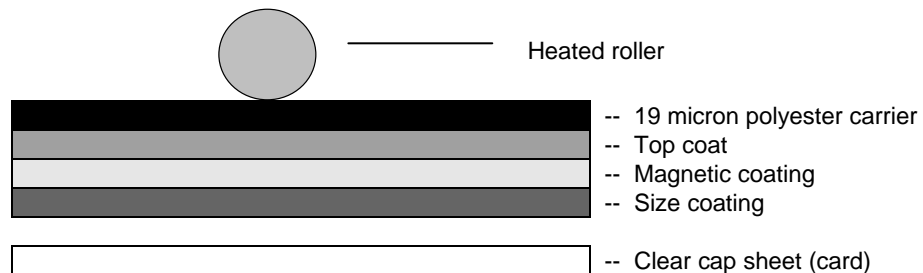


Magnetic Stripe™ - MG T Series

Product Description

Magnetic Stripe – MG T Series (total transfer tapes) are specially formulated for Louda and other similar tape layers. MG T Series total transfer tapes apply directly to vinyl or other overlay materials. The polyester carrier is stripped away from the overlay prior to final card laminating. This magnetic stripe is designed for use on credit, debit and other transaction cards issued by banks and related industries. This magnetic stripe features a proprietary protective coating with superior durability that prevents pitting and resists abrasion and marring.

Example: MG T = Total Transfer – for Louda and other similar tape layer equipment



Substrates

- PVC/PVA blends
- Rigid vinyl

Physical Properties

- Carrier: 75 gauge (19 microns) polyester
- Hub type: 3 post, NAB 3" plastic hub
- Magnetic properties: Meets or exceeds all performance and physical specifications provided by International Standards, ISO/IEC 7811-2 (low coercivity), 7811-6 (high coercivity), and 7811-8 (650). MG T Series can be made in coercivity ranges from 300 to 3,600 Oersted.

- Available in splice-free rolls:

| <u>Tape Widths</u> |
|--------------------|
| .33 inch (8.4 mm) |
| .50 inch (12.7 mm) |

| <u>Tape Lengths</u> |
|--|
| 4,000' or 6,000' rolls (1220 m – 1830 m) |

Recommended Transfer Conditions

- Temperature range: 250°- 310° F (120°-155° C)
- Type of die: Metal roller
- Traversing speed: 10-22 feet per minute / 3-7 meters per minute

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| Product Numbers | Coercivity (Oersted) | Color |
|-----------------|----------------------|--------|
| MG 650T | 650 Oe | Black |
| MG 2770T | 2750 Oe | Black |
| MG 2771T | 2750 Oe | Brown |
| MG 2780T | 2750 Oe | Silver |
| MG 2781T | 2750 Oe | Gold |

Other colors are available upon request. Minimum order quantity will apply.

| Features | Advantages | Benefits |
|--|--|---|
| Smooth consistent, defect-free coatings | Magnetic stripe is free of pits, voids and coating imperfections | Holds signal strength longer and has fewer read/write errors |
| EPA approved factory | Production of material has no significant effect on air or water quality | Air and water free from chemical pollutants |
| Each lot of MG T products is tested and meets the ANSI/ISO window test and frequency response readings | Consistent encoding and read back | Less field rejects due to poor magnetics |
| Wide application window | MG T products provide for fast, clean transfer and excellent coverage | Greater consistency and productivity leading to higher customer satisfaction |
| Durability | Scratch and abrasion | Longer lasting magnetic stripe. Maintains magnetic properties over a longer life. |

Special Notes

- All magnetic stripe products exceed ISO/IEC 7811-2, 7811-6 and ISO/IEC 7811-8 requirements.
- MG T Series magnetic stripe can be supplied in a variety of custom colors or with custom imprint (company logo or other copy). Minimum order required.
- Recommended that magnetic stripe products be stored at 40° - 90° F (4.5° - 32° C) and 40-60% RH. Magnetic stripe products should not be exposed to excessive moisture.

NOTE: Instructions given herein are approximate and adjustment may be required in adapting materials for use in any specific application. The data presented is a result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made. Date: 04/22/10.