

General Description:

This thermal transfer printable metallized polyester label stock is designed for applications such as rating and serial plates that utilize barcodes, alphanumerics, graphic symbols, and logos requiring nameplate-like quality. It features a matte, light gray appearance and a permanent acrylic adhesive for durable performance.

PRODUCT SPECIFICATIONS:



Print Technology: Thermal Transfer

Material Type: Metallized Polyester

Finish:

Adhesive: Permanent Acrylic

APPLICATIONS: This label stock is ideal for use in applications that demand durable and high-quality markings, such as rating plates and serial plates, where a metallic appearance is desired.

PHYSICAL PROPERTIES:

- **Adhesion to:**
 - **Stainless Steel:** 44 oz/in (48 N/100 mm) after 20 minutes dwell, 44 oz/in (48 N/100 mm) after 24 hours dwell
- **Thickness:**
 - **Substrate:** 0.0037 inch (0.097 mm)
 - **Adhesive:** 0.0010 inch (0.025 mm)
 - **Total (excluding liner):** 0.0047 inch (0.122 mm)

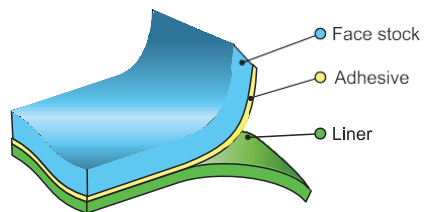
PERFORMANCE PROPERTIES:

- **Long Term High Service Temperature:** No visible effect to label at 248°F (120°C); slight discoloration at 293°F (145°C) and 320°F (160°C)
- **Long Term Low Service Temperature:** No visible effect after 30 days at -40°F (-40°C)
- **Humidity Resistance:** No visible effect after 30 days at 100°F (37°C) and 95% relative humidity
- **UV Light Resistance:** Very slight discoloration after 30 days in Xenon Test Chamber
- **Weatherability:** No visible effect after 30 days in Xenon Arc Weather-Ometer®
- **Salt Fog Resistance:** No visible effect after 30 days in 5% salt fog solution



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CHEMICAL RESISTANCE: The label stock was tested against various chemicals, showing varying degrees of resistance. In general, it performed well with minimal effect under most conditions.



SHELF LIFE: : Shelf life is two years from the date of receipt for this product when stored in its original packaging at or below 80°F (27°C) and 60% RH. It remains the responsibility of the user to assess the risk of using this product.