

Technical Data Sheet Metalized Polyester Gloss – 707

General Description: 2.0 mil **Gloss** top-coated thermal transfer printable **silver** matte **polyester** film. Coated with an aggressive, permanent solvent-based acrylic adhesive. Backed with a roll form release liner.

Uses & Features: Designed for high-performance label applications. Topcoat resists smudging and abrasion when printed with recommended EE/EA ribbon.
Industrial/Electronics: Ideal for rating/name plates (UL/CSA) Bar-coding and materials tracking.
Automotive: Under the hood labels/parts identification.
Healthcare: Pharmaceutical, diagnostic, and laboratory specimen tracking.
*The material contain aluminum and there for my conduct electricity. Special care required when positioning on PCBs **or near an electric field.**

UL Approved Ribbons: Nortec 101, 102, 103, 104, 121, 122, 140, 145, 146, 148, 151 or 161 TT Ribbons.

Dimensional Stability: No measurable shrinkage observed on sample when exposed to 160°F (71°C) for 24 hours.

Approx. Thickness:	MIL	Microns
Face	2.0	51
Adhesive	0.8-0.9	20-23
Liner	3.1	79

Service Temperature: -40°F to 302°F (-40°C to 150°C). Min. Application Temp: 50°F (10°C).

Adhesion:	72 hour Peel Adhesion	oz/inch	N/m
	Stainless Steel	50-85	550-935
	Acrylic	55-90	605-990
	Glass	55-90	605-990
	Polypropylene	35-65	385-715

Exterior Durability: 2 years

Shelf Life: 2 years when stored at 70° F (21°C)&50% RH.

Chemical Resistance:	Chemical	Effect
	Household Cleaners	No effect to topcoat or adhesive
	Mild Acid	No effect to topcoat or adhesive
	Oil	No effect to topcoat or adhesive
	Water	No effect to topcoat or adhesive

Agency Approvals: UL File No. MH 29261 Group PGJ12 (Based on labels-ribbons system)
CSA Standard C22.2 No. 0.15-95 (Based on labels-ribbons system)

Specification: MIL-STD-202F, Notice 12, Method 215J (passed, all printed image remained).

Warranty: Nortec AMI recommends that a selected label type be thoroughly tested to insure it meets all end user requirements. Nortec AMI warrants only the purchaser that its products are free from defects in material and workmanship. Nortec AMI limits its obligation under this warranty and at its option to repair or replace the product. This warranty is in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. Nortec AMI is not liable for any damages, including lost profits, lost savings, or other incidental or consequential damages arising out of the use of or inability to use such product.

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