

## Technical Data Sheet Metalized Polyester VOID - 706

**General Description:** This Material is a top coated thermal transfer printable – tamper evident silver matte polyester film. Coated with a permanent pressure sensitive acrylic adhesive. Backed with a semi bleached Kraft release liner.

**Uses:** Designed for high-performance label applications requiring evidence of attempted removal of identification product. Topcoat resists smudging and abrasion when printed with recommended ribbon UL recognized for indoor/outdoor use with occasional exposure to lubricating oil and water.  
 \*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 102, 103, 117, 141, 147, 148, 149, 188 or 136 Thermal Transfer Ribbons.

**Other Recommended Ribbons:** Nortec 140 or 104 Thermal Transfer Ribbons.

Physical Properties	Value - Mil	Value - Micron	Test Method
MT/C - Film	2.4	G1 +/- 10%	ASTM3652
Adhesive	1.0 -1.1 +/- 0.1	25-28 +/- 3	ASTM3652
Liner	3.4	79 +/- 10%	ASTM3652

Type	Test Method	Results	Conditions
Basic adhesion	PSTC1 (modified for 72 hour dwell time)	This product shows tampering when removal is attempted by leaving a void pattern on the application surface.	Stainless Steel, Acrylic, and Glass
Shear	PSTC7 (1 hour dwell, 1inch <sup>2</sup> , 4 lb. Load)	2 hours	
Tack	ASTM D3979	Average: 480 oz/in	250-600 oz/in

**Dimensional Stability:** No shrinkage observed on Al panel at 160°F (70°C) for 24 hour duration.

<b>Temperatures:</b> Service:	-40°F to 302°F (-40°C to 150°C)
Tamper-Evident Maximum:	104°F (40°C)
Min. Application Temp:	50°F (10°C)

**Exterior Durability:** Film: 2 years  
 Matte Coating: Turns yellow under sunlight

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

**Agency:** UL File No. MH 29261 Group PGJ12 (Based on labels-ribbons svstem)

**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.