

Thermal Transfer Printable Polyester Tamper Evident Void Matte Silver

Description

Features and Benefits

- 2.0 mil matte topcoated silver polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat resists smudging and abrasion when printed with resin and wax/resin thermal transfer ribbons (we recommend testing for suitability)
- Tamper evident adhesive leaves a visible "VOID" footprint when label is removed (VOID feature nonfunctional after exposure to temps above 104F)
- Backed with a 50lb release liner suitable for optical sensing on most thermal transfer printers

Physical Properties

Thickness mil (micron)	MTC + Film Adhesive Liner	2.4 1.0-1.1 3.1	(61) (25-28) (79)	+/- 10% +/- 0.1 (3) +/- 10%	ASTM D 3652 (Modified for use with non-tape product)
Dimensional Stability (%)		No shrinkage observed			On A1 panel at 160°F for 24 hr.

Adhesion Properties

Adhesion from	Average oz/in (N/m)	
Stainless Steel Acrylic Glass	This product shows tampering when removal is attempted by leaving a void pattern on the application surface.	ASTM D 903 (Modified for 72 hr dwell time)
Expected Shear (hours)	5	ASTM D 3654 Method A (1 hr dwell, 1 sq. in., 4 lb. Load)
Tack (gm)	880	ASTM D 2979

Exterior Life

- Film: Two years.
- Matte Coating: Turns yellow with extended exposure to sunlight.

Service Temperature Range

- -40°F to 302°F. Tamper-evident maximum 104°F.
- Minimum application temperature: 32°F.

Shelf Life

Two years, when stored at 70°F and 50% R.H.