

Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

Polyester Sicherheitsfolie auf Rolle ERT-SF

GENERAL DESCRIPTION:

This is a top-coated thermal transfer printable, tamper evident metallized silver matte checkerboard polyester film coated with a permanent pressure sensitive acrylic adhesive and backed with a white glassine release liner.

NOTE:

Tamper evident feature of this product becomes permanently nonfunctional after exposure to 40°C temperature. Customer must qualify this product for their intended end use application.

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Thickness (micron)	Film: 50 +/- 10 % Adhesive: 25-28 +/- 3 Liner: 56 +/- 10 %	ASTM D 3652
Dimensional Stability (%)	No shrinkage observed	On Al panel at 70°C for 24 hr.

ADHESION PROPERTIES**

Adhesion from (N/m)	Average	
Stainless Steel Acrylic Glass	This product shows tampering when removal is attempted by leaving a checkerboard pattern on the application surface.	FTM 1 (Modified for 72 hr dwell time)
Expected Shear (hours)	50 +	FTM 8
Tack (gm/sq cm)	540	ASTM D 2979

** For guidance only

This data is based on limited test results due to the custom nature of this product, not to be used for setting specifications.

EXPECTED EXTERIOR LIFE	Two years
SERVICE TEMPERATURE RANGE	-40°C to 150°C Tamper-evident maximum 40°C
MINIMUM APPLICATION TEMPERATURE	10°C
STORAGE STABILITY	Two years stored at 21°C and 50% RH

* 06/01/2006