PRINTABLE EMBOSsing
METALLIZED POLYESTER
PERMANENT ADHESIVE

A 6.0 mil gold or silver metallized embossing films are a lamination of two polyester films with 2.0 mils of pressure-sensitive adhesive between the films. The attachment adhesive is 207-4832 permanent acrylic pressure sensitive adhesive. Polyester embossing films are manufactured using a 90# layflat liner for excellent sheet printing. These films are designed to accept a variety of UV curable and solvent-based screen inks. May also be used with flexographic, offset and letterpress inks but must be tested prior to use.

Applications
This product is used to produce labels and decals with a textured metal appearance. Embossing is attained by use of heat and/or pressure to flow the adhesive between the polyester films.

Thickness
Film – 2.0 mils.
Adhesive – 1.8 to 2.2 mils.
Film – 2.0 mils.
Adhesive – 0.8 to 1.0 mil.
Liner – 6.7 mils.
(Thickness variance +/- 10%)

Dimensional Stability
Excellent.

Temperature Ranges
Minimum application temperature is +50ºF.
Service temperature range is -40ºF to +250ºF.

Expected Lifetime Exterior
Up to 2 years for silver; not recommended for gold.

Adhesion
To stainless steel - 48 oz./in.
When tested according to PSTC-1 with 24 hour dwell at 70ºF and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.

Opacity
Excellent.

Water Resistance
Excellent.

Humidity Resistance
Excellent.

Storage Stability
2 year shelf life when stored at 70ºF and 50% relative humidity.

Product Codes
SE6-STC-P/90# (silver)
GE6-STC-P/90# (gold)