

**TECHNICAL
DATA
SHEET**
**C1-STC-AP/90
SCREEN & OFFSET**
**1.0 MIL CLEAR POLYESTER
CLEAR PERMANENT ADHESIVE**

A 1.0 mil clear polyester film with permanent acrylic pressure sensitive adhesive on a 90# layflat liner. This film is 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. Designed for general purpose printing of nameplates, decals, product identification markings and labels on metal, glass, painted metal and some plastics. Recommended for smooth flat substrates.

PRODUCT NAME	C1-STC-AP/90
FILM	
Film Type	Clear Polyester
Film Thickness (mils/ μ m)	1.0 mil / 25 μ m (+/- 10%)
Film Weight (gsm)	35
Gloss (60°)	≥ 90
Opacity (%)	Not applicable
ADHESIVE	
Adhesive Type	Permanent
Adhesive Color	Clear
Adhesive Thickness (mils/ μ m)	0.8-1.0 mil / 20-25 μ m
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	2.0 / 8.8
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	3.0 / 13
LINER	
Liner Weight (#/gsm)	90 / 145 (+/- 10%)
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/ μ m)	6.7 mil / 170 μ m
Release Force @ 300" / min (g/2")	50-100
PERFORMANCE GUIDANCE	
Application Temperature	$\geq +50$ degrees F
Service Temperature	-40 to 250 degrees F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 degrees F / 50%
Outdoor Durability	Up to 2 years*

* Film can yellow with excessive exposure to UV radiation. Test for specific usage.