

# TECHNICAL DATA SHEET

## S2-STC-AP/90 SCREEN & OFFSET

2.0 MIL SILVER METALIZED POLYESTER  
CLEAR PERMANENT ADHESIVE

A 2.0 mil silver metallized print-treated polyester film coated with permanent acrylic pressure sensitive adhesive on a 90# layflat liner. This polyester 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. The 90# liner offers good dimensional stability over a range of environmental conditions resulting in excellent sheet printing. This product is designed for permanent decals and nameplates requiring adhesion to a variety of substrates ranging from clean metal, painted metal, glass, styrene and low surface energy plastics such as polypropylene and polyethylene. May also be applicable to certain powder coated metal finishes.

PRODUCT NAME	S2-STC-AP/90
<b>FILM</b>	
Film Type	Metallized Polyester
Film Thickness (mils/ $\mu$ m)	2.0 mil / 51 $\mu$ m (+/- 10%)
Film Weight (gsm)	70
Gloss (60°)	$\geq 90$
Opacity (%)	99
<b>ADHESIVE</b>	
Adhesive Type	Permanent
Adhesive Color	Clear
Adhesive Thickness (mils/ $\mu$ m)	0.8-1.0 mil / 20-25 $\mu$ m
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	2.5 / 11
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	3.8 / 17
<b>LINER</b>	
Liner Weight (#/gsm)	90 / 145 (+/- 10%)
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/ $\mu$ m)	6.7 mil / 170 $\mu$ m
Release Force @ 300" / min (g/2")	50-150
<b>PERFORMANCE GUIDANCE</b>	
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