

**TECHNICAL
DATA
SHEET**

S2-STC-HTP/90 SCREEN & OFFSET

2.0 MIL SILVER METALIZED POLYESTER
CLEAR HIGH-TACK PERMANENT ADHESIVE

A 2.0-mil silver metallized print-treated polyester film coated with high tack 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-HTP/90
FILM	
Film Type	Metallized Polyester
Film Thickness (mils/μm)	2.0 mil / 51 μm (+/- 10%)
Film Weight (gsm)	70
Gloss (60°)	≥90
Opacity (%)	99
ADHESIVE	
Adhesive Type	Permanent
Adhesive Color	Clear
Adhesive Thickness (mils/μm)	0.8-1.0 mil / 20-25 μm
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	4.0 / 18
Peel Strength on Glass (lbs/in / N/25mm) 15 min	4.0 / 18
Peel Strength on Glass (lbs/in / N/25mm) 24 hrs	7.0 / 31
Peel Strength on HDPE 15 min	1.2 / 5.3
Peel Strength on HDPE 24 hrs	2.0 / 4.4
LINER	
Liner Weight (#/gsm)	90 / 145 (+/- 10%)
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/μm)	6.7 mil / 170 μm
Release Force @ 300" / min (g/2")	50-100
PERFORMANCE GUIDANCE	
Application Temperature	≥ +40 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