

**TECHNICAL  
DATA  
SHEET**
**W2-STC-HTP/90  
SCREEN & OFFSET**
**2.0 MIL WHITE POLYESTER  
CLEAR HIGH-TACK PERMANENT ADHESIVE**

A 2.0-mil white print-treated polyester film coated with high-tack permanent solvent 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	W2-STC-HTP/90
<b>FILM</b>	
Film Type	White Polyester
Film Thickness (mils/ $\mu$ m)	2.0 mil / 50 $\mu$ m (+/- 10%)
Film Weight (gsm)	72
Gloss (60°)	90
Opacity (%)	94
<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	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
<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")	50-100
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	$\geq$ +40 degrees F
Service Temperature	-40 to 250 degrees F
Shelf Life	2 years
Storage Temp / Rel. Humidity	70 degrees F / 50%
Outdoor Durability	Up to 2 years

\*Sheets may be susceptible to edge ooze with extended storage.