

**TECHNICAL
DATA
SHEET**

MS2-STC-AP/90 SCREEN & OFFSET

2.0 MIL SILVER METALLIZED 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. Designed for general purpose printing of nameplates, decals, product identification markings and labels. For use on smooth flat surfaces.

PRODUCT NAME	MS2-STC-AP/90
FILM	
Film Type	Metallized Polyester
Film Thickness (mils/μm)	2.0 / 51 μm (+/- 10%)
Film Weight (gsm)	70
Gloss (60°)	55-65
Opacity (%)	99
ADHESIVE	
Adhesive Type	Permanent
Adhesive Thickness (mils/μm)	0.8-1.0 / 20-25 μm
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	2.5 / 11
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	3.8 / 17
LINER	
Liner Weight (#/gsm)	90 / 145 (+/- 10%)
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/μm)	6.7 / 170
Release Force @ 300" / min (g/2")	50-150
PERFORMANCE GUIDANCE	
Application Temperature	≥ +50 degrees F
Service Temperature	-40 to 250 degrees F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Up to 2 years

MS2-STC-AP/90 | JUNE 2025