



# Product Data Sheets

## BRUSHED CHROME POLYESTER

### GENERAL DESCRIPTION:

This is an ink receptive metallized brush silver polyester film coated with a permanent pressure sensitive acrylic adhesive and backed with a two side poly coated lay flat release liner.

**NOTE:**  
*Smf* recommends the dry method of applying decals. Water, solvents and/or soap used in “wet” method will lower adhesion and impact on clarity of adhesive.

PRODUCT DATA	VALUE	TEST METHOD
<b>PHYSICAL PROPERTIES</b>		
<b>Outdoor Durability</b>	One (1) year <sup>1</sup> (vertical exposure unprinted film)	
<b>Thickness -mil (micron)</b>	Adhesive: 0.9-1.0 (23-25) +/- 0.1 (3) Film: 1.4 (36) +/- 10% Liner: 6.7 (170) +/- 10%	ASTM D 3652
<b>Application Surface</b>	Flat	
<b>Service Temp. Range</b>	-40°F to 302°F (-40°C to 150°C)	
<b>Min. Application Temp.</b> <sup>2</sup>	50°F (10°C)	
<b>Shelf Life</b>	Two (2) years stored at 70°F (21°C) and 50% +/- 5% R.H.	
<b>Dimensional Stability (%)</b>	No shrinkage observed	On Al panel at 160°F (70°C) for 24 hr.
<b>Printability</b>	Conventional and UV - Flat and rotary screen printing <sup>3</sup>	
<b>Adhesion Value</b> <sup>4</sup>	Average                      Expected Range oz/in (N/m)                  oz/in (N/m)	PSTC 1 (Modified for 72 hr dwell time)
Stainless Steel	41 (451)                      25-60 (275-660)	
Acrylic	51 (561)                      35-70 (385-770)	
Glass	39 (429)                      25-60 (275-660)	
<b>Expected Shear (hrs.)</b>	100+	PSTC 7 (1 hr dwell, 1 sq. In, 4 lb load)
<b>Tack (gm/sq. Cm)</b>	380                              200-600	ASTM D 2979

1. May be reduced by extreme climate exposure. 2. Surface/Ambient Air. 3. Always pre-test inks and method. 4. 180° peel at 10 in/min based on three production run.; tested as per ASTM 1000.

### Product Performance and Suitability

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