



Product Data Sheets

BRUSHED GOLD POLYESTER

GENERAL DESCRIPTION:

This is an ink receptive metallized brush gold 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 METHOD

VALUE

TEST

PHYSICAL PROPERTIES

Outdoor Durability	One (1) year ¹ (vertical exposure unprinted film)					
Thickness -mil (micron)	Adhesive:	0.9-1.0	(23-25) +/- 0.1 (3)	ASTM D 3652		
	Film:	1.4	(36) +/- 10%			
	Liner:	6.9	(170) +/- 10%			
Application Surface	Flat					
Service Temp. Range	-40°F to 302°F (-40°C to 150°C)					
Min. Application Temp. ²	50°F (10°C)					
Shelf Life	Two (2) years stored at 70°F (21°C) and +/- 50% R.H.					
Dimensional Stability (%)	No shrinkage observed			On Al panel at 160°F (70°C) for 24 hr.		
Printability	Conventional and UV - Flat and rotary screen printing ³					
Adhesion Value ⁴	Average	Expected Range		PSTC1 (Modified for 72 hr dwell time)		
	oz/in	(N/m)	oz/in		(N/m)	
	Stainless Steel	50	(550)		25-60	(275-660)
	Acrylic	44	(484)		35-70	(385-770)
Glass	42	(462)	25-60	(275-660)		
Expected Shear (hrs.)	30			PSTC 7 (1 hr dwell, 1 sq. In, 4 lb load)		
Expected Exterior Life	2 years (Gold color fades under direct sunlight)					
Tack (gm/sq. cm)	470	200-600		ASTM D 2979		

Product Performance and Suitability

All of the descriptive information and recommendations for the use of *Smf* products shall be used only as a guide. Furnishing such information and recommendations shall in no event constitute a warranty. All purchases of *Smf* products shall be independently determine the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of *Smf* is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.