



Product Data Sheets

DOL 2000 LUSTRE CLEAR OVERLAMINATE

GENERAL DESCRIPTION:

This Lustre Clear **calendered** overlaminate film **has** been specifically developed for digital printing. Coated with a solvent based permanent pressure sensitive adhesive, it is particularly suitable for indoor, outdoor signs, exhibition displays, window graphics, POP displays, steel rule and thermal diecut. Moisture stable liner also provides excellent lay-flat qualities.

PRODUCT DATA	VALUE	TEST METHOD	
Outdoor Durability	Two (2) to five (5) years ¹ (vertical exposure unprinted film)		
Thickness -mil (micron)	Adhesive:	1.0-1.1 (25-28) +/- 0.1 (3) ASTM D 3652-83	
	Film:	3.0 (76) +/- 10% ASTM D 3652-83	
	Liner:	80# White semi-bleached clay-coated mando	
Application Surface	Flat and simple curves		
Service Temp. Range	-40°F to 176°F (-40°C to 80°C)		
Min. Application Temp.²	50°F (10°C)	Clean, dry surface	
Shelf Life	Two (2) years stored at 70°F (21°C) and 50%+/- 5% R.H.		
Dimensional Stability (%)	-0.024 in. (0.6 mm) On Al panel at 160°F (70°C) for 24 hr.	FTM14/Aluminium	
Flammability	Self-extinguishing		
Adhesion Value³	Stainless Steel	59 oz/in (649 N/m) PSTC 1 (Modified for 72 hr dwell time)	
	Glass	60 oz/in (660 N/m)	
	Acrylic Sheet	68 oz/in (748 N/m)	
Expected Shear (hrs.)	75	PSTC 7 (1 hr dwell, 1 sq. In, 4 lb load)	
Chemical Resistance	Chemical	Effect	At 73°F (23°C)
	Anti-freeze (24 hrs.)	No Effect	
	Detergent (8 hrs.)	Slight Edge Lifting	
	SAE 20 Motor Oil (24 hrs.)	No Effect	
	Gasoline (1 hr.)	Very Slight Film Softening	
	10% HCL (10 min.)	No Effect	
	10% NH ₄ OH (10 min.)	No Effect	
Sea Water	No Effect	1 year Mid Tide (BS 5609:1986)	

1. May be reduced by extreme climate exposure. 2. Surface/Ambient Air. 3. 180° peel at 23°C

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.