

DS65F 2mil CAST Translucent PSA Film

PRODUCT DESCRIPTION

DS65F is a 2mil matte white, cast, translucent film with permanent pressure-sensitive adhesive. Designed for backlit graphics, DS65F is made of 100% polymeric face stock with a special lay-flat liner. The film provides superior print resolution and image quality. DS65F is rated for outdoor durability up to 7 years (unprinted). Printed durability is dependent on the ink system used.

AREAS OF USE

- Digital printing with a wide variety of direct print systems, including Encad® VinylJet™
- Internally illuminated signage, displays and where light transmission is important

PERFORMANCE AND PHYSICAL DATA

<u>PROPERTY</u>	<u>TEST METHODS</u>	<u>TYPICAL VALUE</u>	
SURFACE FINISH	Gloss Meter 60° Reflection	25-40%	
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	0.0032 in	0.08 mm
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥4.5 lb/in width	≥0.8 kg/cm width
ELONGATION	Instron Tensile Tester as above	≥150%	
SHELF LIFE	Free from excessive moisture, temperature, direct sunlight	2 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	40°F to 100°F optimum	4.4°C to 38°C optimum
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-40°F to 200°F	-40°C to 93° C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	10 mils	0.25 mm
PEEL ADHESION	PSTC-1, 15 min, RT 70°F (21°C)	2.5 lbs/in	0.45 kg/cm
LINER RELEASE	TLMI Release at 90°, 300 in/min (760 cm/min)	80 g/2 in	31 g/cm



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