

DSGT45 Calendared PSA Film

Intermediate Calendared Digital Print Pressure Sensitive Film

PRODUCT DESCRIPTION

DSGT45 is a 3-mil gloss white calendared film with tinted, permanent pressure-sensitive adhesive. Designed for indoor and outdoor promotional graphics, **DSGT45** is made of 100% polymeric face stock with a poly-coated liner. The glossy face stock is designed for applications requiring High Gloss or more image “pop.” The special tinted adhesive system is designed for opacity to directly cover existing graphics or dark substrates. **DSGT45** rated for outdoor durability up to 5 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™
- Promotional and merchandising graphics
- Shorter-term signage, kiosks, POP displays, real estate signage, transit graphics, fleet or vehicle markings and decals

PERFORMANCE AND PHYSICAL DATA

<u>PROPERTY</u>	<u>TEST METHODS</u>	<u>TYPICAL VALUE</u>	
SURFACE FINISH	Gloss Meter 60° Reflection	80-90%	
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	0.0043 in	0.11 mm
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	13.0 lb/in width	2.3 kg/cm width
ELONGATION	Instron Tensile Tester as above	≥150%	
SHELF LIFE	Free from excessive moisture, temperature, direct sunlight	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate	50°F to 90°F optimum	10°C to 32°C optimum
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-20°F to 150°F	-29°C to 65° C
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	25 mils	0.63 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)	100 g/2 in	39 g/cm



CONDITIONS OF SALE

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