

Overlaminates

Series 3420: 3-mil Calendered Vinyl

EFFECTIVE 3/99

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- 3-mil calendered vinyl with pressure sensitive adhesive
 - Satin finish
 - 3 years
 - For use as protective overlaminate with the DPF digital imaging products
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<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>TYPICAL VALUE</u>	
SURFACE FINISH Semi-Gloss Type Films Matte Type Films	Gloss Meter, 60° Reflection	40-60 units 7-15 units	
THICKNESS (including adhesive)	Micrometer, Federal Bench Type	ENGLISH 0.0043 in	METRIC 0.11mm
TENSILE STRENGTH	Tensile Tester with 2 in (50.8mm) jaw separation, crosshead speed of 12 in/min (5.08 mm/s), web direction	10 lb/in width	1.8 kg/cm width
ELONGATION	Instron Tensile Tester as above	≥150%	
SHELF LIFE	Free from excessive moisture, temperatures, direct sunlight	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean substrate	60°F to 90°F optimum	16°C to 32°C optimum
SERVICE TEMPERATURE RANGE	Film applied to etched aluminum panels 24 hours prior to testing	20°F to 150°F	-7°C to 65°C
HUMIDITY RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing; 100% relative humidity at 100°F (38°C) for 24 hours	No appreciable effect	
GASOLINE RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing; immersed 15 minutes at 70°F (21°C); stabilized 24 hours before inspection	No appreciable effect	
DIMENSIONAL STABILITY	158°F (70°C), 48 hours	0.040 in nominal	1.01 mm
PEEL ADHESION	PSTC-1: 15 min; RT 72°F (23°C)	≥40 oz/in	≥0.45 kg/cm
LINER RELEASE	300 in/min (762 cm/min)	150 g/2 in	30 g/cm

Standard Terms and Conditions Apply.

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