



# Series 3220 Overlaminates

## Premium Cast Overlamine Pressure Sensitive Film

### Series 3220: Gloss, Luster, Satin, Matte, Metallic, and Pearlescent Finishes

Series 3220 overlaminates are constructed of 2-mil (50 micron) cast vinyl film with clear, permanent pressure-sensitive adhesive. Designed to protect and prolong the life of printed images. Series 3220 extends the life of the graphics by 2 years. Series 3220 are rated for outdoor durability up to 7 years. This product is not designed to be used as an optically clear window film.

## APPLICATIONS & FEATURES

- Protective Overlamine for DPF 6000XRP, DPF 6000X, DPF 6000RP, DPF 6000RP Clear, DPF 6500, Series 60P, and Series 67A.
- Long-term signage, kiosks, POP displays, fleet and vehicle applications

## PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
<b>SURFACE FINISH</b>	Gloss Meter 60° Reflection	80-90% (gloss, metallic, pearlescent) 55-85% (Luster) 20-30% (Satin) 1.5 - 10% (matte)	
<b>THICKNESS</b>	Micrometer, Federal Bench Type	2-mil (50 micron)	
<b>TENSILE STRENGTH</b>	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
<b>ELONGATION</b>	Instron Tensile Tester as above	≥ 150%	
<b>SHELF LIFE</b>	Free from excessive moisture, temperature, direct sunlight	2 years from factory shipment	
<b>APPLICATION TEMPERATURE RANGE</b>	On clean, dry substrate (flat)	40°F to 100°F optimum	4.4°C to 38°C
	On clean, dry substrate (corrugated with rivets and channels)	60°F to 100°F optimum	15°C to 38°C optimum
<b>SERVICE TEMPERATURE RANGE</b>	On clean, dry substrate	-40°F to 175°F	-40°C to 79°C
<b>HUMIDITY RESISTANCE</b>	Film applied to etched aluminum panels 24 hours prior to testing. 100% relative humidity, 100°F (38°C) for 500 hours.	No Appreciable Effect	
<b>GASOLINE RESISTANCE</b>	Film applied to etched aluminum panels 24 hours prior to testing. Immersed 30 minutes at 70°F (21°C), stabilized 24 hours before inspection.	No Appreciable Effect	

\*Standard Terms & Conditions Apply

Effective Date 10/11

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Customer Service: Telephone: 800-232-7161 – Fax: 800-329-2756 – Technical Services: 877-275-6698

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## **TERMS & CONDITIONS**

*The following is made in lieu of all warranties expressed or implied:*

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