



ARLON

► Series 3590 Heavy Duty Overlaminates

Series 3590 overlaminates is a 12-mil (305 micron) film with a clear, permanent pressure-sensitive adhesive. The heavy gauge product is designed to protect decals and graphics while maintaining high clarity. Series 3590 is rated for an outdoor durability up to 2 years.

APPLICATIONS & FEATURES

- Protective overlaminates for racing and dirt bikes.
- Use in conjunction with Arlon's DPF 8000 film.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE	
SURFACE FINISH	Gloss Meter 60° Reflection	70% to 90%	
THICKNESS	Micrometer, Federal Bench Type	12-mil (305 micron)	
TENSILE STRENGTH	Tensile Tester with 2-in (51 mm) jaw separation; crosshead speed of 12 in/min. (5.1 mm/s), web direction	≥ 45.67 lb/in width	≥ 8.16 kg/cm
ELONGATION	Instron Tensile Tester as above	≥ 271%	
SHELF LIFE	Free from excessive moisture, temperature, direct sunlight	1 year from factory shipment	
APPLICATION TEMPERATURE RANGE	On clean, dry substrate (flat)	50°F to 80°F	10°C to 26°C
SERVICE TEMPERATURE RANGE	On clean, dry substrate	-40°F to 176°F	-40°C to 80°C
HUMIDITY RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing. 100% relative humidity, 100°F (38°C) for 500 hours.	No Appreciable Effect	
GASOLINE RESISTANCE	Film applied to etched aluminum panels 24 hours prior to testing. Immersed 30 minutes at 70°F (21°C), stabilized for 24 hours before inspection.	No Appreciable Effect	

*Standard Terms & Conditions Apply





Recommended heat for the lamination: 110°F to 120°F (43°C to 49°C)








TERMS & CONDITIONS

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