



Heavy-Duty Laminate

Description

Roland Heavy-Duty Laminate is a 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. The ultra smooth polyester release liner allows for excellent lay-flat properties. Roland Heavy-Duty Laminate is rated for an outdoor durability up to 2 years.

Applications and features

- Protective overlamine for racing and dirt bikes.
- Use in conjunction with Roland Polymeric Vinyl High-Tack.

performance and 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

performance and physical data

surface finish	55 - 80% Gloss Finish
roll widths	54"
roll lengths	25 yards and 50 yards
adhesive	Clear, Permanent

Recommended applications

- Racing and Dirt Bikes
- Flat Short-Term Graphics

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