



## PRODUCT DESCRIPTION

The LIONGRIP ELITE is a polyvinyl acetate base adhesive with designed for cabinets, furniture, carpentry work and other indoor gluing projects. It has an excellent initial grip and reduced slip during assembly. Forms strong bonds on hardwood, softwood, plywood, natural wood composites, MDF, cardboard and other porous materials.

## BENEFITS

- Ideal adhesive for all carpenters and woodworkers
- Excellent sandability
- Strength 4,000 lbs

## PREPARATION

Stir well before using. Adhesive, material and room temperature should be above 18°C/64°F. Surfaces to be glued must be sanded smooth, clean and dry. Best bonds are obtained when moisture content of wood ranges between 8% and 12%.

## PACKAGING

ITEM CODE	SIZE
R79300111	4 L can
R79300411	15 L can
R79305511	205 L cannister

## CLEAN-UP

- Clean hands, tools and excess adhesive with warm soapy water before the product dries.
- If glue has dried, use an adhesive cleaner/remover with caution. On bonded materials, scrape off and sand dried meticulously.

PHYSICAL PROPERTIES	
Viscosity:	5,000 - 6,000 cps (5/20 rpm/ 25°C)
Solids:	40% - 42%
Specific Gravity:	1.08
pH:	4.0 - 5.5
Color:	Creamy yellow
Dry film	Transparent
VOC:	< 30 g/L less water < 5% weight/weight
Minimum Film Forming Temperature (MFFT):	- 2°C

## HANDLING & STORAGE

- Shelf life is 18 months at room temperature in original unopened container.
- Store indoor in a cool, dry location between 10°C/50°F and 35°C/95°F.
- Keep container closed when not in use. Protect from freezing.
- Product is freeze-thaw stable to -10°C/50°F.
- Prolonged or repeated cycles should be avoided.

## ENVIRONMENT & DISPOSAL

- This product contains no added urea-formaldehyde resin.
- The use of this product may contribute in obtaining LEED credits.
- Consult your municipality to dispose container and left-over in accordance with environmental regulations.

## ADHESIVE APPLICATION

1. Apply directly from the bottle or using a glue brush or a mechanical glue spreader onto one of the surfaces.
2. Spread glue to result in squeeze out when parts are assembled. Joints must be tight fitting.
3. Clamp or press using sufficient pressure. Dries light translucent yellow. Allow to dry before sanding.

## GUIDELINES (At 20°C & 50% RH)

Assembly time: 10 to 20 minutes

Clamp time: 30 to 60 minutes

Drying time: 6 to 8 hours

Spread rate: approx. 6 sq. m./L (240 sq. ft/ gallon)

Open time: 10 to 20 minutes

*NOTE: Temperature, humidity, surface porosity and jobsite conditions can affect coverage and drying time.*

## ATTENTION

- For applications requiring water-resistance, see the LIONGRIP VERSA II.
- Type 1, 2 and 3 refer to ASTM D-4317 Standard specification for polyvinyl acetate based adhesives.
- Not recommended for structural applications (such as load bearing parts in building structure).

## PRECAUTIONS

- Keep out of reach of children.
- May cause slight eye and skin irritations. Avoid contact with eyes and skin.
- **FIRST AID TREATMENT:** If in eyes or on skin, rinse the affected areas with water. If swallowed, drink water and call a doctor.
- **FOR INDUSTRIAL USER – Refer to Safety Data Sheet (SDS) for further information.**

## CONTACT US

Technical assistance is available by phone at:

1-800-361-6000 (CAN)

1-800-619-5446 (USA)

To acquire technical and safety literature, please visit our website at [www.richelieu.com](http://www.richelieu.com)

## DISCLAIMER

Our personnel is available to help purchasers obtain best results from our products, and recommendations are based on tests and information believed to be reliable. However, since we have no control over the conditions under which our products are transported to, stored, handled, or used by purchasers, all recommendations and sales are made on conditions that we will not be held liable for any damages resulting from their use. No representative of ours has any authority to waive or change this provision.

**WARRANTY:** *Surface conditions, product application, storage and transport are beyond the manufacturer's control; liability, if any, is limited to the replacement of product ONLY.*