

PRODUCT SPECIFICATIONS SHEET

<u>CAT NO.</u>	<u>PRODUCT NAME</u>
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10-4002	Acrylic Cement
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DESCRIPTION:

Formulated to bond acrylic plastic and can be used to bond other plastic and porous surfaces. Acrylic Cement is a very high strength, clear, medium bodied and fast curing.

Is recommended as an excellent general purpose, high strength acrylic cement. It is especially useful where fast cure and high strength are desired for applications such as large housings, signs, plastic letters, industrial fabrications, display items, lenses and models.

TYPICAL PROPERTIES:

The following strength data was obtained with compressive shear loading at 0.05"/min. The materials tested were lap joints of 1 sq. in. bonding area.

Color	Clear
Consistency	Medium bodied
Viscosity	800 cps
Cure Time	20 mil: 8-10 minutes

PROPERTIES OF BOND:

Initial bond forms very quickly some parts may be handled within a few minutes of application. Bond strength continues to develop very rapidly reaching a substantial level within hours. Joints are water and weather resistant and will generally have similar physical and chemical properties to acrylic plastic. The tack free time when applied at 20-mil thickness is about 5 minutes and will cure hard in 8-10 minutes.

INSTRUCTIONS:

1. Parts to be joined should be clean and fit without forcing.
2. Apply to one or both surfaces with brush.
3. If cement is applied to one surface, bring the two surfaces in gentle contact for several seconds to allow the dry surface to be softened.
4. Assemble with firm pressure while parts are still wet..
5. Hold or clamp assembled parts firmly until initial set. Joint strength will increase greatly in 24 hours. Thereafter, strength will continue to increase gradually for some weeks.

SHELF LIFE, CLOSED CONTAINERS:

24 months