

1. Product Description

The new UV adhesive Verifix LV 740 is a low viscosity adhesive and, due to its extremely good capillary action, is exceptionally suitable for glass-to-glass and toughened glass-to-toughened glass bonding. It is especially distinguished by its high bonding strength coupled with good elasticity. Its special composition makes the Verifix LV 740 optically clear and provides long-term protection against yellowing. Especially worth mentioning is also its good resistance to moisture. The main fields of application are objects or glass constructions subject to static as well as dynamic forces. Reduced clean-up time means that production cycles can be done quickly and efficiently. This adhesive is especially well suited for the Verifix dispensing systems.

2. Fields of Application

- Two and three dimensional glass constructions
- Objects subject to static and dynamic force
- Quick, efficient production cycles

3. Suitable Bonding Materials

- Glass - glass
- Toughened glass - toughened glass

4. Properties

Basic material	acrylic acid ester
Colour	colourless, optically clear
Refractive index	approx. 1.503
Density	approx. 1.0 g/cm ³
Viscosity	approx. 100 mPa·s
Consistency	low viscosity = thin, capillating
Bond line thickness	0.04 - 0.2 mm (Recommended: as thin as possible)
Irradiation	UVA 315 - 400 nm
Hardness	approx. 65 Shore D
Elongation at break	35%
Shear strength	approx. 17 N/mm ²
Temperature range	-40°C to +120°C (short-term to 150°C)
Storage	cool, dry, dark location (without UV radiation) / note expiration date on bottle

5. Available Packaging

UV adhesive LV 740	1000 ml bottle	Art. No. LV 740 1K
UV adhesive LV 740	250 ml bottle	Art. No. LV 740 25
UV adhesive LV 740	100 ml bottle	Art. No. LV 740 10
UV adhesive LV 740	20 ml bottle	Art. No. LV 740 02

6. Precautions see EU Safety Data Sheet

Limitation of liability: The preceding information as well as any technical recommendation given in writing, verbally or based on tests are provided to the best of our knowledge. However, they are non-binding recommendations only and do not affect your responsibility to determine the correctness of given recommendations and suitability of the product for your particular purposes. The application, use or processing of our products as well as the production of products based on our technical recommendations are beyond our control and therefore fall exclusively in your area of responsibility. Sales of our products are effected according to our most up-dated General Sales and Delivery Conditions.