

1. Product Description

The UV Adhesive MV 760 is a medium-viscosity adhesive suitable for universal applications. It provides maximum strength as well as tension compensation and is therefore ideal for glass-to-metal and glass-to-glass bonding. It is unique in its optical clarity and durable resistance to yellowing. Especially worth mentioning is its high resistance to moisture. This adhesive is mainly used for glass constructions subject to high static force.

2. Fields of application

- two-dimensional glass constructions
- high static requirements
- joints with exposure to high humidity
- metall joints

3. Suitable bonding materials

- Glass - Glass
- Glass - Metal
- Glass - Wood
- Toughened glass - Toughened glass
- Glass - Stone
- Glass - ABS/PVC

4. Physical properties

Material basis	modified urethane acrylate
Colour	permanently colourless, optically clear
Refractive index	approx. 1.501
Density	approx. 1.0 g/cm ³
Viscosity	approx. 1500 mPa*s
Consistency	medium viscosity
Bond line thickness	0.08 - 0.5 mm (recommended: as thin as possible)
Irradiation	UVA 315 - 400 nm
Hardness	approx. 70 Shore D
Elongation at break	approx. 40%
E-module	1200 N/mm ²
Shear strength	glass-glass approx. 25 N/mm ² glass-metal approx. 25 N/mm ²
Temperature range	-40°C to +120°C (short-term to 150°C)
Storage	cool, dry and dark (no UV exposure)
Shelf life	note expiration date on bottle

5. Available packaging:

UV-Adhesive MV 760	1000 ml bottle	Art. No. MV 760 1K
UV-Adhesive MV 760	250 ml bottle	Art. No. MV 760 25
UV-Adhesive MV 760	100 ml bottle	Art. No. MV 760 10
UV-Adhesive MV 760	20 ml bottle	Art. No. MV 760 02

6. Limitation of liability

Precautions see EU Safety Data Sheet.

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 updated General Sales and Delivery Conditions.