

UVA UV Adhesive

UVA is a VOC-free UV adhesive. When exposed to the correct dose of UV LED light, UVA cures within seconds. UVA has excellent water and yellowing resistance, the cured adhesive exhibits good elasticity and flexibility. It has been designed to offer the highest level of protection for ITO glass used in LCD and LED modules. UVA can be applied using selective depositing equipment.

- UV cure; full cure within minutes
- Excellent adhesion to ITP glass
- Excellent wettability to ITO glass and a wide variety of substrates
- VOC-free; environmentally friendly

Approvals **RoHS Compliant (2015/865/EU):** **Yes**

Liquid Properties:

Density @ 20°C (g/ml):	1.03
Viscosity (mPa s @ 20°C):	300
Solids Content (%):	100
Recommended UV Energy:	1-2 J/cm ²

Dry Film Coating:

Temperature Range (°C)	-45 to +135
Hardness (pencil)	≥ 2B
Surface Resistivity (Ω)	4 x 10 ¹⁴
Volume Resistivity (Ω.cm)	1.3 x 10 ¹⁵
Dielectric Constant (@ 1MHz)	3.5
Dielectric Strength (kV/mm)	27
Dissipation Factor @ 1MHz, 25°C:	0.03

<u>Description</u>	<u>Packaging</u>	<u>Order Code</u>	<u>Shelf Life</u>
<u>UV Adhesive</u>	1 Litre	EUVA01L	12 Months

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

Ashby Park, Coalfield Way,
Ashby de la Zouch,
Leicestershire LE65 1JR

T +44 (0)1530 419 600

F +44 (0)1530 416 640

BS EN ISO 9001:2008
Certificate No. FM 32082

Directions for Use

Surfaces must be clean, dry and free from grease, dust and contaminants; Electrolube offer a range of cleaning products, including Ultrasolve (ULS), for such applications. Ensure that all solvents have completely evaporated prior to application.

Application must be conducted away from the UV light source to prevent premature curing. UVA can be suitable for all kinds of process, such as manual and automation fluid dispensing. The speed of UV cure depends on the UV intensity, wavelength, applied film thickness and height of components. The recommended UV energy to fully cure is:

UVA: 1000-2000 mJ/cm²

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