

## L-8406 Universal Adhesive UV Resin

### Description

**L-8406** is a specially modified polyurethane acrylic UV resin. It has excellent adhesion to PP, PVC, PET, PMMA, PBT, glass and other materials. The adhesion between various materials is very good, including the transparent base materials PMMA, PVC, PP, glass, under UV machine 80mJ/cm<sup>2</sup> curing, LED lamp 359 for 3-5 seconds curing, the stickiness is still very strong until the substrate broken. Its applicability is very wide, recommended in UV laminate adhesive, UV glues, etc.

### Technical data

Appearance	Transparent yellowish liquid
Viscosity (25°C, CPS)	2,800 - 4,800
UV component (%)	100
Density (g/cm <sup>3</sup> , 25°C)	1.1±0.1
Acid value (mg KOH/g)	2-5
Refractive index	1.49
Tensile strength (MPa)(ASTM D882)	15.9
Elongation at break (%) (ASTM D882)	44
Functional group	3

### Performance

Strong adhesion between various materials

Fast reaction speed, good surface dryness, suitable for mercury lamp and LED lamp curing

Good toughness

### Applications

Various UV adhesive glue, glass UV adhesives, 3D printing, etc.

### Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature( 25°C) and under ventilation.

This product will be packed into 20KG/200KG/barrel

**Tips: L-8406 has fast response, good flexibility, good adhesion to various materials, suitable for multipurpose adhesives.**

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.