



## Customized Adhesive Solutions

25 B Street, Burlington, MA 01803

Phone: (978) 436-9600

Fax: (866) 788-7856

Email: [info@nextgenadhesives.com](mailto:info@nextgenadhesives.com)

# NGAC UV-AB36-HV-T

# Technical Bulletin

## Thixotropic and High Strength UV Curable Urethane Acrylate

### Description:

NGAC UV-AB36-HV-T is a thixotropic and fast curing Urethane Acrylate which provides excellent adhesion and strength. This one part system is sensitive to visible light up to 460nm. It was designed for applications requiring excellent adhesion/strength to and low shrinkage on cure with increased UV sensitivity at 415nm+.

### Advantages and Applications:

NGAC UV-AB36-HV-T bonds extremely well to a broad range of substrates including most plastics and metals. NGAC UV-AB36-HV-T exhibits excellent surface wetting.

NGAC UV-AB36-HV-T features the following characteristics that enable ease of use.

Shelf life of each lot will be 6 months minimum with storage at 25C.

### Properties:

	<b>Typical Value</b>
Color	Clear
Viscosity (CP40 1RPM)	14,000 cps
Specific Gravity	1.04
Hardness Shore D	60-68
Operating Temperature	-30 to +120°C
Glass Transition Temperature	70°C
Elongation %	30

### Cure Profile:

Minimum Intensity:	500 mw/cm <sup>2</sup>
Spectral Output:	360-410 Nanometers
Optimum Wavelength:	365 Nanometers

- This product requires direct UV exposure to cure
- There is variability in UV light sources. Therefore, we recommend each user evaluate UV intensity and exposure time for their given application and UV equipment.
- This product is sensitive to visible light at wavelengths greater than 400nm.

For additional information or assistance, please call  
**978-436-9600**

All values reported above are typical values and are for reference use only. These values are not intended for use in developing specifications. Application testing under specific conditions should be performed to determine actual results and fitness for use.