

Product	Optimax® 3088 UV Cured Adhesive
Description	Optimax® 3088 is a fast curing, UV curable structural adhesive designed for bonding glass to glass, glass to metal and glass to plastics. Optimax® 3088 bonds in seconds and provides tough impact resistant adhesion to both flexible and rigid substrates.
Features	One-Part UV snap cure. Optically clear. Suitable for multiple manufacturing applications.

Physical properties – uncured adhesive

Composition	Urethane Acrylate
Viscosity @ 25°C, RVT #7 @ 10rpm:	2000 cps
Colour	Clear
Specific Gravity	1.05
Refractive Index	1.48
Toxicity	Low

Physical properties – cured adhesive

Hardness, Shore D	75
Elongation %	105
Operating Temperature Range, °C	-50 to 120

UV Light Cure Data	Minimum Intensity	200mW/cm ²
	Spectral Output	350-380nm
	Optimum Wavelength	365nm

Cure Overview This product requires direct UV exposure during cure. Because of the variability of different UV light sources, it is suggested that the user test and specify UV intensity and exposure time. Low intensity UV light sources (200 mW/cm²) may require as much as a 10 second exposure time.

Physical properties	Aluminium to Glass (Mpa)	10.10
	Steel to Glass (Mpa)	17.24
	Polycarbonate to Glass (Mpa)	8.28
	PVC to Glass (Mpa)	8.28
	ABS Glass (Mpa)	8.14

Storage Store between 8°C to 21°C out of direct sunlight and in tightly sealed original containers. Refer to packaging specific quote for shelf life information.

General information For safe handling of this product consult the Material Safety Data Sheet.

Data ranges The data contained in this data sheet may be reported as typical value and/or range. Values are based on actual test data and are verified on a regular basis.

Safety Consult the Material Safety Data Sheet.

Notes The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. Novachem Corporation Ltd. and its agents cannot assume liability or responsibility for results obtained in the use of its product by persons whose methods are outside or beyond our control. It is the user's responsibility to determine the suitability of any of the product and methods of use or preparation prior to use mentioned in our literature and furthermore the user's responsibility to observe and adapt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products.