

CRL UV604L UV ADHESIVE

CRL UV604L is a 100% solids, UV/Visible light curable adhesive formulated to form high tensile shear and peel strength bonds between glass, steel, stainless steel, aluminum, ceramic and some plastics. When bonding plastics, always test first, as not all plastics can be bonded properly. Do not bond any coated parts (powder coated or galvanized) with this adhesive. Bonds prepared from UV604L are optically clear, resistant to moisture and thermal cycling. Store adhesive away from sunlight. CRL7528 Cleaner and Degreaser provides optimum adhesion when used first to prepare the glass by removing any dirt and grease that is present.

CRL UV ADHESIVES
UV604L Medium Viscosity

CRL
PROFESSIONAL QUALITY

UNCURED PROPERTIES

COMPOSITION	Urethane Acrylate/Monomer Blend
VISCOSITY	500 - 1,000 cps at 25°C (77°F)
APPEARANCE	Transparent liquid with slight yellow tint
SPECIFIC GRAVITY	1.1 - 1.2 at 25°C (77°F)
FLASH POINT	200°F (93°C)
TOXICITY	Refer to Material Safety Data Sheet
SHELF LIFE	One year

CURED PROPERTIES

DUROMETER	Shore D 65 - 75
WATER ABSORPTION	Less than 2% (24 hour immersion)
TEMPERATURE RANGE	-40°C to 130°C (-40°F to 266°F)
REFRACTIVE INDEX	1.499 at 25°C (77°F)

CURING INFORMATION

UV LIGHT:	UV INTENSITY	SUBSTRATES	BOND GAP	TIME TO CURE
	35 - 45 mW/cm ²	glass-glass	0.5 - 1 mil	15 - 20 seconds

THESE ARE TYPICAL PROPERTIES AND ARE NOT MEANT TO BE PRODUCT SPECIFICATIONS.

Note: The information contained in this data sheet is believed to be reliable. C.R. LAURENCE CO., INC. makes no representation or warranties of any kind concerning this information. It is the user's responsibility to determine the suitability of this product for any intended use. The user assumes all risk and liability connected with the use of this product.

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