



## UV6052 HIGH VISCOSITY MEDICAL GRADE UV ADHESIVE

### ● PRODUCT DESCRIPTION

UV 6052 is UV/ visible light and heat cure medium viscosity solvent free adhesive for bonding dissimilar materials like plastics, glass, stainless steel, aluminium and ceramics as well. UV6052 bonds well to hard to bond plastics like PE, PP, PTFE, PEBAX, HYTREL etc. UV6052 is also suitable to use as potting, sealing, FIGP (Form in place gasket) too. Very flexible. UV6052 designed to use for medical applications and complies with ISO 10993-5 medical grade biocompatibility approval. UV6052 is resistant to the sterilization methods like EtO, Gamma and several cycles of autoclave. Excellent chemical resistance.

### ● CURING PROPERTIES

UV-A	VIS	LED	HEAT
+	+	Can be used with 365nm – 405nm wavelength	+ 100C @10 min.
Curing @50mW/UV-A		5 sec	

### ● UNCURED PROPERTIES

<b>Base</b>	Urethane Acrylate
<b>Color</b>	Clear
<b>Specific Gravity</b>	1,14
<b>Viscosity (cps)</b>	2500 – 3000
<b>Flash Point</b>	> 93° C

### ● CURED PROPERTIES

<b>Hardness Shore A</b>	70 - 80
<b>Operating Temperature (°C)</b>	-50 to 150
<b>Elongation at break (%)</b>	150

### ● INSTRUCTIONS FOR USE

UV 6052 is available in several types of packaging. The materials can be used with either pressure /time or positive displacement dispense equipment. All materials should be stored in a cool place when not used for an extended period of time. Do Not Freeze. Shelf life of this product is nine (9) months between 8°C to 23°C when stored in original sealed container.

