

UV8106 UV/VISIBLE LIGHT CURE ADHESIVE

● PRODUCT DESCRIPTION

8106 is a low viscosity, clear, urethane acrylate adhesive for bonding of metal, glass and most engineering plastics. 8106 is formulated to cure rapidly under ultraviolet or short wavelength visible light and can also be cured with activator or heat when shadowed bond lines are available. 8106 is clear in thin bond lines closely matching the refractive index of glass. 8106 contain additives for metal bonding as well as additives for adhesion to glass under high humidity and other environmental conditions.

Ultraviolet/Visible Light Cure Heat Cure	100% Solids Flexible and Tough	Bonds Diverse Substrates Low Viscosity
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● CURING PROPERTIES

UV-A	VIS	LED	HEAT
+	+	Can be used with 365nm – 405nm wavelength	110°C @60 min. 120°C @30 min. 150°C @15 min.
Curing @100mW/UV-A		5 sec	

● UNCURED PROPERTIES

Color	Clear, Pale Yellow
Viscosity	600-1,000
Specific Gravity	1.1

● CURED PROPERTIES

Color	Optically Clear
Hardness Shore D	45-60
Elongation Range (%)	80
Tensile Strength (N/mm²)	26,1
Water Absorption (%)	3,6
Operating Temperature (°C)	-50°C to 120°C

● INSTRUCTIONS FOR USE

8106 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 twelve (12) months at 23°C when stored in original sealed container.

