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♦ TECHNICAL BULLETIN ♦ TECHNICAL BULLETIN ♦ TECHNICAL BULLETIN ♦

UV 2070 Flexible Adhesive

A thixotropic, aliphatic urethane compounded with optimal clarity. This one component UV curable system cures quickly and efficiently when exposed to a low intensity UV light source. The adhesive provides an exceptional bond with superior shock resistance. UV 2070 may be used to bond glass to glass and many plastics including polycarbonate.

HANDLING CHARACTERISTICS:

Viscosity @ 25°C,cps	60,000-80,000
Shelf Life, (Closed Container @ 25°C)	6 Months

PHYSICAL PROPERTIES (CURED):

Color	Translucent
Specific Gravity @ 25°C	1.03
Linear Shrinkage, in./in.	0.00
Linear Expansion	0.015
Moisture Absorption, 10 Days @ 25°C, %	0.00
Tensile Strength, psi	475
Elongation, %	125
Operating Temperature Range, °C	-40 to 138

ELECTRICAL PROPERTIES (CURED):

Dielectric Strength, volts/mil	420
Dielectric Constant @ 25°C, 100 KC	3.4

CURING:

UV 2070 may be cured under low intensity blacklights (minimum of four, 40 watt bulbs) with an exposure time of 5-8 minutes @ 6" from substrate. Exposure to a 200 watt/in. UV light source, 365nm, will effect cure in 20 secs.

STORAGE:

Store in original container at room temperature . Keep away from light. Keep container tightly closed when not in use.

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