



Manufacturer:
ÅngströmBond®

Product Name:
ÅngströmBond® AB9028MV High Tg Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:
AB9028MV-3CCM

▶ [Click here for more details on the ÅngströmBond® AB9028MV High Tg Adhesive, UV Cure \(3cc Syringe\)](#)



Advanced Polymers for High Tech Applications

Adhesives

ÅNGSTRÖMBOND® AB9028MV (FORMERLY EX1094MV)
High Tg, UV curing Adhesive

Description:

AB9028MV is a medium viscosity UV cure adhesive with a very high Glass Transition Temperature. This epoxy based polymer has very low shrinkage making it an excellent choice for bonding optical fibers into V-grooves. It has superior adhesion to glass and metal making it ideal for high humidity environments and hermetic sealing applications.

Handling Characteristics:

Cure Schedule:
150 mW/cm² - 30-50 sec @300 to 500 nm

Cure schedules can vary slightly with different applications. Please use these numbers as a basis to develop a schedule suitable for the application.

Storage Conditions:

Store in cool dry environment away from light

Typical Physical Properties:

Viscosity @ 25°C, cps:	4,000
Hardness, Shore D	95
Cure shrinkage,%	<0.2
Elongation, %	4
Modulus, MPa	340,000
Glass Transition Temp, °C	170
Coeff. Of Thermal Expansion /°C:	
Below Tg (x10 ⁻⁶)	40
Above Tg(x10 ⁻⁶)	82
Outgassing, weight %, 125°C, 120Hr	0.1
Operating Temperature, °C	-55 to 200
Refractive Index	1.578

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Contact the professionals at Fiber Optic Center for a quote or to get more details.

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Product specifications and data are subject to change without notice. FOC last update 3/8/2026.