

**Manufacturer:**

ÅngströmBond

Product Name:ÅngströmBond® AB9018-1.38 Low Refractive Index Adhesive,
UV Cure (3cc Syringe)**Manufacturer Part Number:**

AB9018-1.38-3CC

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ÅngströmBond®

Advanced Polymers for High Tech Applications

Adhesives

ÅngströmBond® AB9018

Low Refractive Index adhesives

ÅngströmBond® AB9018 is a series of refractive index matched adhesives that can be used for bonding glass, ceramics and various plastics.

Typical Properties

	1.38	1.42	1.62
Refractive Index@ 589nm	1.38	1.42	1.62
Viscosity @ 25°C, cps	75	50	120
Hardness, Shore D	35	40	50
Operating Temp, °C	-----	-20 to 120	-----
% Transmission @400nm	>99%	>98%	>90%
@550nm	>99%	>99%	>96%
@810nm	>99%	>99%	>97%
@1550nm	>99%	>99%	>99%

Handling Characteristics

Cure time: 100-300 mW/cm² - 15sec - 5min @320-390nm

note: Curing should be done in an oxygen free environment. The cure schedules will increase with increase thickness, lower UV light intensity and the presence of oxygen and water.

Storage and Shelf Life

Store in a cool, dark place when not in use.. Do not place in view of UV light source or sunlight. Material may polymerize upon exposure to ambient light

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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 1/12/2026.