



BORN²BOND™

Engineering Adhesives for Eyewear Applications

Bostik **Born2Bond™ Engineering Adhesives** allow eyewear manufacturers to design and produce traditional and smart eyewear with long-lasting performance and a perfect, delicate finish. Low-odor formulations and precise by-the-dot dispensing solutions offer increased production optimization and efficiency, safer working conditions, and reduced wastage – all without compromising performance or aesthetics.

Adhesive solutions by
ARKEMA

BORN²BOND™ SOLUTIONS

1 TEMPLE and ARM ASSEMBLY

SOLUTIONS: Born2Bond™ UV-CIPG Gasketing (serviceable), High Performance HMPUR Adhesives (non-serviceable)

2 ELECTRONICS ENCAPSULATION

SOLUTIONS: Born2Bond™ UV-Instant Adhesives, UV-Epoxy Adhesives, UV-Acrylate Adhesives

3 BATTERY CELL and BMS ASSEMBLY

SOLUTIONS: Born2Bond™ UV-Instant Adhesives, Instant Adhesives, Low-Pressure Molding Hotmelt

4 THREADLOCKING of SCREWS

SOLUTIONS: Born2Bond™ Anaerobic Adhesives

5 DECORATION or LOGO BONDING

SOLUTIONS: Born2Bond™ UV-Instant Adhesives, Instant Adhesives

6 NOSE PAD ASSEMBLY

SOLUTIONS: Born2Bond™ UV-Instant Adhesives, UV-Acrylate Adhesives, Instant Adhesives

7 LENS to FRAME BONDING

SOLUTIONS: Born2Bond™ UV-Instant Adhesives, UV-Acrylate Adhesives, Instant Adhesives

8 CAMERA BONDING

SOLUTIONS: Born2Bond™ High Performance HMPUR Adhesives



All **Born²Bond™** Engineering Adhesives are suitable for small production runs using manual application, as well as semi- or fully-automated production lines.

BORN²BOND™ INSTANT and UV-INSTANT ADHESIVES



- **Ultra:** fastest-bonding MECA-based cyanoacrylate on the market
- **Light Lock:** patented* dual-cure adhesive with 'cure-on-demand' properties for increased throughput and cure of excess material
- Vibration and shock resistance for enhanced safety and durability
- Low bloom and no yellowing for uncompromised fine finishes

BORN²BOND™ ANAEROBIC ADHESIVES



- Vibration, corrosion and chemical resistance for increased reliability
- Reduced stock and inventory requirement
- 100% connection – no loosening of screws
- Sustainable and more cost-effective solution to traditional mechanic fasteners
- WL Range also available**

BORN²BOND™ HIGH PERFORMANCE HMPUR ADHESIVES



- Multi-substrate adhesion
- High temperature, humidity and chemical resistance
- Good balance between strength and elasticity
- Suitable for automated dispensing for high-precision applications

BORN²BOND™ UV-CIPG GASKETING



- Waterproofing and dustproofing for increased durability
- Resistant to temperature fluctuations and chemicals
- Extremely flexible and durable
- Suitable for automated dispensing for high-precision applications

HIGH PERFORMANCE POLYMERS

ARKEMA

As the Adhesive Solutions division of Arkema, Bostik's portfolio extends beyond adhesives to Arkema's High Performance Polymers – offering pioneering and sustainable solutions to customers from a broad range of markets. Bio-based and recyclable **Rilsan® polyamide 11**, **Rilsan® Clear Rnew® polyamides**, and **Pebax® Rnew® elastomers** are all chosen by eyewear manufacturers for their lightness, flexibility, toughness, and chemical resistance - making them ideal for optical solutions.



For more information and to order free **Born²Bond™** samples, please visit: Born2Bond.Bostik.com



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