

B8X-460 Low-Bloom, Low-Odor Instant Adhesive

B8X-460 is engineered for manufacturers and artisans who demand both performance and visual perfection. Its balanced formulation combines low viscosity for good flow with minimal blooming and odor—making it ideal for consumer-facing products, precision assemblies, and indoor environments. Whether bonding rigid components or delicate absorbent materials, B8X-460 ensures strong, clean joints that meet the highest aesthetic standards.

Key Technical Specifications

Parameter	Value
Viscosity	40 cP
Appearance	Pale yellow / transparent
Gap Fill	0.008 in. (0.24 mm)
Fixture Time (steel)	~20 seconds
Shear Strength	2,950 psi (20.3 N/mm ²)
Service Temperature	-40°C to +80°C (-40°F to 175°F)
Packaging	20g / 500g / 1000g

Performance Highlights

- **Low Bloom & Low Odor:** Virtually no white haze or pungent fumes—ideal for cleanrooms, workshops, and end-user visible assemblies.
- **Crystal-Clear Finish:** Bonds remain discreet on light-colored or transparent substrates.
- **Multi-Substrate Versatility:** Bonds **metals, engineering plastics (ABS, PC, PVC), elastomers, and absorbent materials** (wood, paper, foam, fabric, cork).
- **Balanced Viscosity:** At 40 cP, it flows better than gels but resists excessive run-off—perfect for controlled application.
- **Rapid 20-Second Fixture:** Enables quick handling without sacrificing alignment time.

Typical Applications

- **Consumer Electronics:** Bonding decorative trims, nameplates, and internal brackets where residue is unacceptable
- **Furniture & Interior Design:** Assembling veneers, foam cushions, fabric-wrapped panels, and lightweight frames
- **Packaging & Retail Displays:** Clean bonding of corrugated board, foam inserts, and branded fixtures
- **Footwear & Accessories:** Attaching soles, labels, or textile overlays without discoloration
- **DIY & Craft:** Model making, scrapbooking, and restoration projects requiring invisible bonds

Application Guidelines

- Clean surfaces thoroughly; remove dust, oil, or release agents before bonding.
- For highly porous materials, apply a thin layer to prevent over-absorption and delayed cure.
- Use in a well-ventilated area—though low-odor, adequate airflow is recommended during prolonged use.
- Store sealed at room temperature (<25°C) to maintain reactivity and extend shelf life.

Why Choose B8X-460?

When your product's appearance is as important as its function, B8X-460 delivers strength without compromise. It's the premium choice for clean, fast, and reliable bonding across the widest range of everyday and specialty materials.

Available in 20g (trial/sample), 500g, and 1000g (production) packaging options.

Request a sample or technical datasheet to evaluate B8X-460 in your high-aesthetics application today.