

Technical Data Sheet

Plastic Adhesive Clear

Product Code:	BPAC50
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Description:

Bodyline Plastic Adhesive Clear is a fast curing, easy to use structural 2-part polyurethane adhesive which cures by a chemical reaction of the two components forming a durable polymer resistant to elevated temperature, moisture, fuel, many solvents and chemicals. It is specially designed for small, quick, durable bonding and repair jobs. Shows good flow behaviour. Unlike most other two-component polyurethane adhesives, Bodyline Plastic Adhesive systems are not H351 (former R40) classified.

Features and benefits:

- Excellent specific adhesion to Polycarbonate, ABS, PVC, vehicle bumpers, trims and vehicle components generally.
- Fast cure response at room temperature.
- Heat acceleration optional to achieve short cycle times.
- Contains no MDI. Improved health and safety classification.
- Easy processing from cartridge.
- Easy Sanding.

Application:

- Bodyline Plastic adhesive Clear has been designed for ease of dispensing with both hand-held manual and pneumatic applicator tools.
- To assure an on ratio dispense we recommend levelling the pistons by placing the opened cartridge in the dispenser and purge until material starts to flow from both cartridge chambers prior to attaching the mixer.
- After attaching the mixer tip (we recommend to only use the mixer tips included in the package; additional mixer tips available) and loading the cartridge into the dispense tool, pull the trigger at a constant and steady rate to force both prepolymer and curative through the mixer tip. It is recommended to discard the first 25 to 50 mm of dispensed material, as it may be off-ratio. Sufficiently mixed on-ratio adhesive is clear, creamy, smooth and glossy.
- The material in the mixer will become very difficult or impossible to dispense at about one-half of the open time. Either keep material flowing through the mixer during short periods of time adhesive is not needed or replace the mixer prior restarting dispense.
- Plastic Adhesive Clear has been formulated for use primarily as a versatile adhesive but can also be used as a patching or repair compound for flexible substrates such as synthetic and natural rubber products.

Specification Property Minimum Maximum Units:

- Gel Time (10g @ 20°C) 90/240 Seconds Full Cure (10g @ 20°C) 12/24 Hours Hardness at full cure 80 90
- Mix Ratios By Weight: 0.98 parts Part A to 1.00 parts Part B By Volume: 1.00 parts Part A to 1.00 parts Part B.
- The components should be dispensed by means of the cartridges provided via applicator gun BPAAG50.

STORAGE: Unopened containers stored at a dry place indoors at 15 – 32 °C

SHELF LIFE: 12 Month in the originally sealed cartridge, from date of manufacture

PACKAGING: Bodyline Plastic adhesive systems are supplied in cartridges of 50ml side-by-side.

For further technical information, please see the relevant MSDS

This data sheet is compiled to be of assistance but without guarantee. Users are responsible for safe working practices. Final determination of suitability of any material is the sole responsibility of the user.