



Craft Cool Melt Glue Sticks

LOWER TEMPERATURE HOT MELT ADHESIVE

Date: 28 March 2022

Fact Sheet No.: TDS00305

YOUR SMART ADVANTAGES

- Ultra strong and fast setting with lowest possible glue melt temperature
- Ideal for delicate substrates, floristry and craft
- Easy to replace

USES

Bostik Craft Cool Melt Glue Sticks are translucent white 12mm diameter glue sticks designed for use in Bostik Craft Cool Melt Glue Gun operating at 125°C to 135°C. This is a significantly lower operating temperature than the conventional glue guns (operating at 190°C to 210°C).

Bostik Craft Cool Melt Glue Sticks will bond most household materials including polystyrene, wood, leather, fabric, and rubber. It is also ideal for household repairs, floristry, art and craft and DIY.

PRODUCT CHARACTERISTICS

Colour	Translucent white
Form	Soft flexible solid in 12mm diameter, 200mm long cylindrical sticks.
Specific Gravity	1.0 approx.
Composition	Polyethylene vinyl acetate polymer/resin blend
Product Code	30813562 10 x 500g boxes
Storage/Shelf Life	Store for up to 24 months from date of manufacture when stored in original, unopened packaging under

	dry conditions within the temperature range of +5°C to +35°C.
Odour	Negligible when cold, slight sweet odour when hot.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +25°C
Glue Gun Operating Temperature	+125°C to +135°C
Service Temperature	-40°C to +50°C
Coverage	1.0 – 1.5 metres As a single line of adhesive per stick. This does not include wastage.
Drying Times	15 to 60 seconds. Full strength in 1 to 2 hours at 20°C.

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Craft Cool Melt Glue Sticks refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

1. Ensure the materials to be bonded are dry, clean and free from grease and other loose material. Abrade hard smooth surfaces to improve the bond. Surfaces being bonded should be warm, between 20°C to 30°C to prevent the adhesive setting too quickly.

2. Use at room temperature in draught-free conditions. Draughts can cool the adhesive enough to affect the bond strength.
3. Load the appropriate Bostik Craft Glue Sticks through the grip ring in the rear of the glue gun.
4. Press the trigger several times until the stick is positioned firmly in the gun. Do not apply excessive force.
5. Plug in the gun. The light at the back of the gun will indicate the gun is operational.
6. Allow the gun to warm up for approximately 5 to 10 minutes.

APPLICATION

7. Gently press the gun trigger until the adhesive flows freely from the nozzle. Apply the adhesive to the substrate that is the most difficult to bond (in general metal, hard and smooth surfaces are more difficult to bond than rough porous surfaces).
8. The adhesive need not be spread. Press the surfaces together as soon as possible after adhesive application (within 15 seconds for best results), and apply as much pressure as is practical. The open working time is up to 45 seconds depending on the nature of the substrates, application temperature, volume and cross-section of applied adhesive and closing pressure.
9. To ensure a continuous flow of glue, insert further glue sticks into the rear of the gun and wait a few minutes until the stick has heated to the correct temperature.
10. Do not move or adjust the surfaces after contact has been made, as inferior bond strength will result.
11. As a general guide, a properly formed bond will, after joining, achieve:
Handling Strength: Within 1 minute
Full Strength: 1 to 2 hours at 20°C
12. Unplug the gun when not in use and allow to cool before storing.
13. Do not attempt to remove the stick from the back of the gun as this will damage the gun.

CLEANING

14. The adhesive can only be removed mechanically once cured by scraping carefully with a blade edge.
15. A residual thin film will remain which can then be removed using a solvent cleaner.
16. Sensitive surfaces may be damaged by the hot adhesive or by the solvents used in the cleaning

process. Always carry out a test before attempting removal.

PRECAUTIONS IN USE

Ensure that only Bostik Craft Cool Melt Glue Sticks are used in the Bostik Craft Cool Melt Glue Gun. Do not leave unattended. Switch off after use. Using the wrong sticks will damage the gun. Do not insert any metal object into the back of the gun. Use and store only under dry conditions. Handle with care as both the gun nozzle and molten adhesive will cause burns in contact with the skin.

Should skin contact occur, place burn/affected area under clean cold running water for a minimum of 10 minutes or until pain is relieved. Seek medical attention if required. Do not attempt to peel off the cold adhesive. Keep out of reach of young children. As with all electrical equipment, children must be supervised whilst using the gun. Do not dismantle gun. Do not lay the gun on its side during use, use the stand. Bostik Craft Glue Sticks will not bond polythene or polypropylene.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for Bostik Craft Cool Melt Glue Sticks, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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