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> Surebonder DT-280F Dual Temperature 60 Watt Full Size Standard Glue Gun User Manual

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Model: DT-280F

1. INTRODUCTION

Thank you for choosing the Surebonder DT-280F Dual Temperature 60 Watt Full Size Standard Glue Gun. This versatile tool is designed for a wide range of crafting, floral, and DIY projects, offering both high and low temperature settings for optimal bonding with various materials. Please read this manual thoroughly before operation to ensure safe and effective use of your glue gun.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage:

- **Hot Surfaces:** The nozzle and melted glue become very hot during operation. Avoid direct contact with skin to prevent burns.
- **Electrical Safety:**
 - Ensure the voltage of your power outlet matches the glue gun's requirements (120 Volts).
 - Do not operate the glue gun with a damaged cord or plug.
 - Keep the power cord away from heat, oil, sharp edges, or moving parts.
 - Always unplug the glue gun when not in use, before cleaning, or before performing any maintenance.
 - Do not expose the glue gun to rain or wet conditions.
- **Ventilation:** Use in a well-ventilated area.
- **Children and Pets:** Keep the glue gun out of reach of children and pets.
- **Proper Use:** Use only with 7/16-inch diameter glue sticks. Using incorrect glue sticks may damage the tool or cause hazards.
- **Storage:** Allow the glue gun to cool completely before storing.

3. PRODUCT OVERVIEW AND FEATURES

The Surebonder DT-280F is a robust 60-watt glue gun designed for reliability and ease of use. Its dual temperature capability allows for precise application across various materials.



Image 1: Surebonder DT-280F Dual Temperature Glue Gun. This image displays the red-bodied glue gun with its black trigger and nozzle, featuring the integrated flip-down stand and the power cord extending from the base.

Key Features:

- **60-Watt, 120-Volt Power:** Provides efficient heating for quick glue melting.
- **Dual Temperature Settings:** Allows selection between high temperature for strong bonds on materials like metals, plastics, and ceramics, and low temperature for delicate materials such as lace, foil, ribbon, and lightweight fabrics.
- **Uses 4-Inch or 10-Inch Glue Sticks:** Compatible with standard 7/16-inch diameter glue sticks.
- **Flip-Down Stand:** Integrated stand for convenient and stable resting during use.
- **8-Foot Cord:** Offers extended reach and flexibility.
- **Exclusive No Drip Tip Feature:** Designed to minimize glue dripping when the gun is idle, promoting cleaner workspaces.
- **Lever Handle Trigger:** Provides comfortable and controlled glue dispensing.
- **Insulated Ball Check Nozzle:** Enhances safety and prevents backflow.

4. SETUP

1. **Insert Glue Stick:** Insert a 7/16-inch diameter glue stick into the opening at the back of the glue gun. Push it firmly until it stops.

2. **Position the Stand:** Extend the flip-down stand or place the glue gun on its separate stand (if included) on a heat-resistant, stable surface. Ensure the nozzle is not touching any surface.
3. **Plug In:** Plug the 8-foot power cord into a standard 120-volt electrical outlet. The indicator light will illuminate, signifying that the gun is receiving power.
4. **Select Temperature:** Locate the high/low switch.
 - Set to **HIGH** for stronger bonds on materials like wood, metal, hard plastics, and ceramics.
 - Set to **LOW** for delicate materials such as foam, lace, foil, ribbon, and lightweight fabrics.
5. **Preheat:** Allow the glue gun to preheat for approximately 3-5 minutes. The glue will be ready when a gentle squeeze of the trigger dispenses melted glue smoothly.

5. OPERATING INSTRUCTIONS

1. **Apply Glue:** Once preheated, gently squeeze the trigger to dispense a bead of melted glue onto one of the surfaces to be bonded.
2. **Join Surfaces:** Immediately press the two surfaces together firmly. Hot glue sets quickly, typically within 10-20 seconds.
3. **Refill Glue Sticks:** As the current glue stick shortens, insert a new glue stick into the back of the gun. The new stick will push the old one forward. Do not attempt to remove partially used glue sticks from the back of the gun.
4. **Resting During Use:** When not actively dispensing glue, always place the gun on its stand to prevent the hot nozzle from touching surfaces and to minimize dripping.
5. **Finishing:** When your project is complete, unplug the glue gun from the power outlet.

6. CARE AND MAINTENANCE

- **Cleaning:** Ensure the glue gun is unplugged and completely cool before cleaning. Wipe the exterior with a damp cloth. Do not use abrasive cleaners or solvents.
- **Nozzle Cleaning:** Do not attempt to clean the nozzle while the gun is hot. Any dried glue around the nozzle can usually be carefully peeled off once cool.
- **Storage:** Store the cooled glue gun in a dry, safe place, away from direct sunlight and extreme temperatures. Ensure the cord is not tightly wrapped or kinked.
- **Glue Stick Management:** It is generally not recommended to remove a partially used glue stick. If you need to change glue types, allow the gun to heat up and push the old glue through with the new stick.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Glue gun does not heat up.	Not plugged in; power outlet issue; faulty unit.	Ensure the power cord is securely plugged into a working 120V outlet. Check if the indicator light is on. If not, try a different outlet. If the problem persists, contact customer support.
Glue does not dispense or dispenses slowly.	Not fully preheated; incorrect glue stick size; glue stick jammed.	Allow adequate preheating time (3-5 minutes). Ensure you are using 7/16-inch diameter glue sticks. If a stick is jammed, do not force the trigger; allow the gun to cool, then try to gently remove the stick from the back.

Problem	Possible Cause	Solution
Glue drips excessively from the nozzle.	Normal for hot glue guns; high temperature setting; gun not resting on stand.	While the "no drip tip" minimizes this, some dripping can occur, especially on the high setting. Always use the flip-down stand or separate stand with a drip pad. Ensure the gun is fully preheated before use, as underheated glue can also drip more.
Glue gun feels too hot to handle.	Normal operation heat; prolonged use.	The body of the glue gun may become warm during extended use. This is normal. If it feels excessively hot or emits smoke/unusual odors, unplug immediately and discontinue use.

8. TECHNICAL SPECIFICATIONS

Model: DT-280F

Brand: Surebonder

Wattage: 60 Watts

Voltage: 120 Volts

Compatible Glue Stick Diameter: 7/16-inch

Compatible Glue Stick Lengths: 4-inch or 10-inch

Cord Length: 8 feet

Item Weight: 0.35 Kilograms

Color: Red

Manufacturer: FPC CORPORATION

9. WARRANTY AND CUSTOMER SUPPORT

Warranty: The Surebonder DT-280F Dual Temperature Glue Gun comes with a **1-Year Manufacturer's Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, accidents, or unauthorized repairs.

Customer Support: For warranty claims, technical assistance, or product inquiries, please contact FPC CORPORATION, the manufacturer of Surebonder products. Refer to the product packaging or the official Surebonder website for the most current contact information.

