

BriskHeat BS0201060L

BriskHeat XtremeFLEX BS0 Silicone Rubber Heating Tape User Manual

Model: BS0201060L

INTRODUCTION AND SAFETY INFORMATION

This manual provides essential information for the safe and effective use of your BriskHeat XtremeFLEX BS0 Silicone Rubber Heating Tape. Please read all instructions carefully before installation and operation.

IMPORTANT SAFETY NOTE: A temperature controller is *required* for the safe operation of this heating tape. Failure to use a temperature controller can result in overheating, product damage, fire, or personal injury. This heating tape is designed for industrial and scientific applications and should only be used by qualified personnel.

The heating tape is moisture and chemical resistant and suitable for electrically conductive surfaces. Do not exceed the maximum exposure temperature of 450°F (232°C).

PRODUCT OVERVIEW



Figure 1: BriskHeat XtremeFLEX BS0 Silicone Rubber Heating Tape. This image shows the flexible silicone rubber heating tape, which is wrapped around a metallic rod, illustrating its application for heating cylindrical objects or pipes. The tape has a distinct reddish-brown color and a textured surface.

The BriskHeat XtremeFLEX BS0 Silicone Rubber Heating Tape features a silicone rubber extruded outer sheath with a fiberglass knitted and braided construction, ensuring durability and flexibility. It incorporates a multi-stranded resistance wire for efficient heating.

- **Material:** Silicone Rubber Extruded Outer Sheath with Fiberglass, Knitted and Double-Braided.
- **Resistance:** Moisture and chemical resistant.
- **Flexibility:** Exceptional flexibility for various applications.
- **Leads:** 24in (610mm) power leads on the same end with a separable standard 2-prong power plug (NEMA 1-15).

SETUP AND INSTALLATION

1. **Inspect the Tape:** Before installation, visually inspect the heating tape for any signs of damage, cuts, or abrasions.

Do not use if damaged.

2. **Prepare Surface:** Ensure the surface to be heated is clean, dry, and free from sharp edges that could damage the tape.
3. **Wrap the Tape:** Carefully wrap the heating tape around the object or surface requiring heat. Ensure even contact and avoid overlapping the tape excessively, which can lead to hot spots. For optimal heat distribution, maintain consistent spacing between wraps.
4. **Secure the Tape:** Use appropriate high-temperature tape or clamps (not included) to secure the heating tape in place, preventing it from unwrapping or shifting during operation.
5. **Connect to Controller:** Connect the 2-prong power plug of the heating tape to a suitable temperature controller (sold separately). Ensure the controller's specifications match the heating tape's requirements (120VAC, 627 Watts).
6. **Grounding:** Ensure proper grounding of the system as per local electrical codes.

Note: This heating tape is suitable for electrically conductive surfaces.

OPERATING INSTRUCTIONS

1. **Set Temperature Controller:** Power on your temperature controller and set the desired operating temperature. Refer to your temperature controller's manual for specific instructions on setting parameters.
2. **Monitor Temperature:** Continuously monitor the temperature of the heated object or surface to ensure it remains within safe and desired limits.
3. **Applications:** This heating tape is ideal for a wide range of applications, including:
 - Heating laboratory apparatus
 - Gas tubing
 - Temporary heat applications
 - Valves and pipes
 - Freeze protection
4. **Power Off:** When heating is no longer required, turn off the temperature controller and disconnect the heating tape from the power source.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the heating tape for any signs of wear, damage, or degradation of the silicone sheath. Pay close attention to the power leads and connections.
- **Cleaning:** If necessary, clean the heating tape with a soft, damp cloth. Do not use abrasive cleaners or solvents that could damage the silicone. Ensure the tape is completely dry before re-applying power.
- **Storage:** When not in use, store the heating tape in a clean, dry place, away from direct sunlight and extreme temperatures. Avoid sharp bends or kinks that could damage the internal heating element.
- **Professional Repair:** Do not attempt to repair damaged heating tape. Contact BriskHeat or a qualified technician for assistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Heating tape not heating	<ul style="list-style-type: none">No power to controllerController not set correctlyDamaged heating tape or leadsLoose connection	<ul style="list-style-type: none">Check power supply to temperature controller.Verify temperature setting on controller.Inspect tape and leads for visible damage. Replace if damaged.Ensure all connections are secure.
Uneven heating	<ul style="list-style-type: none">Improper wrapping/contactObject surface irregularities	<ul style="list-style-type: none">Re-wrap tape ensuring even contact and consistent spacing.Ensure the tape is fully conforming to the surface.
Overheating	<ul style="list-style-type: none">Temperature controller malfunctionIncorrect temperature settingExcessive overlapping of tape	<ul style="list-style-type: none">Check and calibrate temperature controller.Adjust temperature setting to appropriate level.Ensure tape is not excessively overlapped.

If problems persist after attempting these solutions, contact BriskHeat customer support.

SPECIFICATIONS

- Model:** BS0201060L
- Dimensions (W x L):** 2in (51mm) x 72in (1830mm)
- Total Watts:** 627 Watts
- Voltage:** 120VAC
- Power Density:** 4.3w/sq in (0.007w/sq mm)
- Maximum Exposure Temperature:** 450°F (232°C)
- Material:** Silicone Rubber Extruded Outer Sheath with Fiberglass, Knitted and Double-Braided
- Leads:** 24in (610mm) power leads on the same end with a separable standard 2-prong power plug (NEMA 1-15)
- Resistance:** Moisture and chemical resistant
- Compatibility:** Suitable for electrically conductive surfaces
- Required Accessory:** Temperature Controller (Sold Separately)

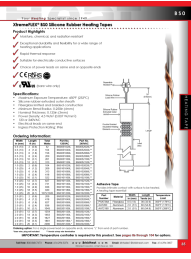




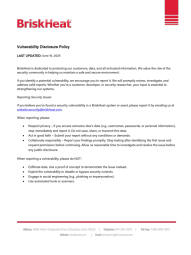
WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the official BriskHeat warranty policy available on their website or contact BriskHeat directly.

For technical support, product inquiries, or service, please contact BriskHeat customer service.

[Visit the BriskHeat Store on Amazon](#)



	<p>BriskHeat XtremeFLEX® BSO Silicone Rubber Heating Tapes - Product Datasheet</p> <p>Explore BriskHeat's XtremeFLEX® BSO Silicone Rubber Heating Tapes, featuring moisture, chemical, and radiation resistance, exceptional durability, and rapid thermal response. View specifications, ordering information, and adhesive tape options.</p>
	<p>BriskHeat Silicone Rubber Heating Blankets Instruction Manual</p> <p>Instruction manual for BriskHeat Silicone Rubber Heating Blankets, covering safety, installation, troubleshooting, and warranty information. Designed for Cole-Parmer and Davis Instruments.</p>
	<p>BriskHeat SRL, SRP, SRMU, SRX Silicone Rubber Heating Blankets Instruction Manual</p> <p>Comprehensive instruction manual for BriskHeat SRL, SRP, SRMU, and SRX series silicone rubber heating blankets, covering safety, installation, operation, maintenance, and troubleshooting. Includes specifications and warranty information.</p>
	<p>BriskHeat Wet-Area Full-Coverage Drum and Pail Heaters FGDHW FGDIW Series</p> <p>Explore BriskHeat's Wet-Area Full-Coverage Drum and Pail Heaters (FGDHW FGDIW Series). These heaters offer IP54 water resistance, easy-to-program digital control, and durable construction for industrial applications. View detailed specifications and ordering information.</p>
	<p>BriskHeat LYNX™ Temperature Control System Instruction Manual</p> <p>Comprehensive instruction manual for the BriskHeat LYNX™ Temperature Control System, covering setup, operation, specifications, troubleshooting, and warranty information. Learn how to install, configure, and operate your LYNX system for optimal temperature control.</p>
	<p>BriskHeat Vulnerability Disclosure Policy</p> <p>BriskHeat's policy for reporting security vulnerabilities, outlining procedures for submission, investigation, and resolution, encouraging community participation in maintaining a safe and secure environment.</p>



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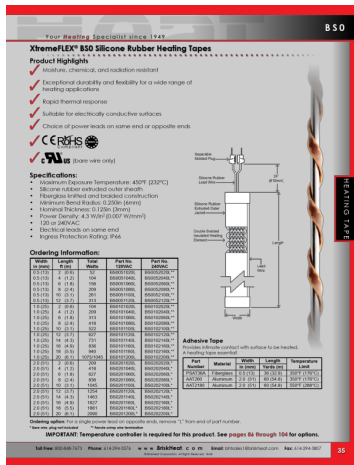
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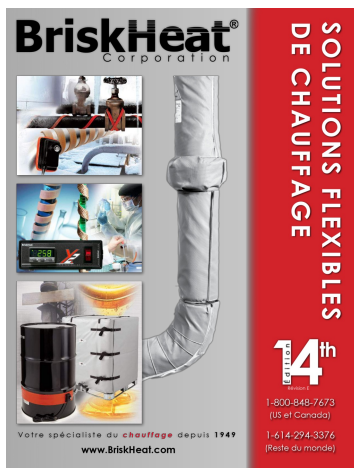
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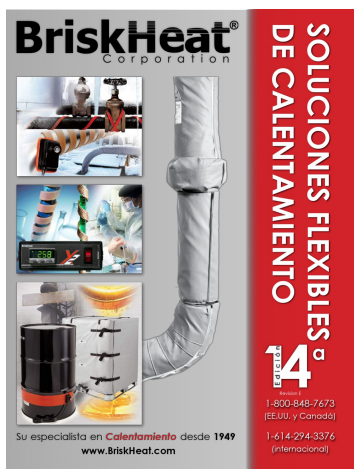


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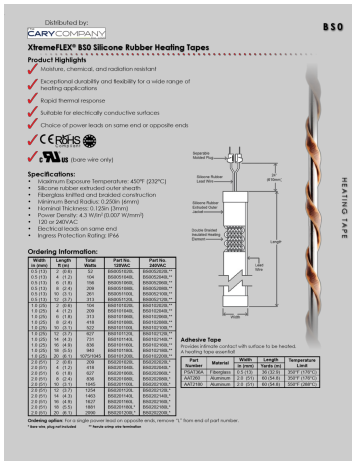


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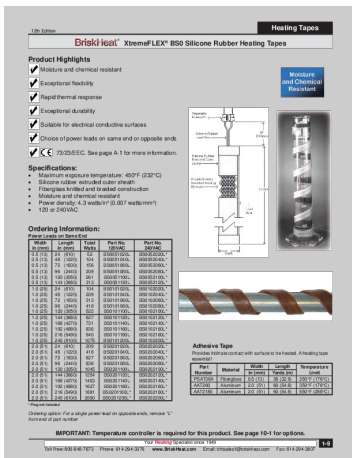


[pdf] Specifications

Tape Specification Sheet BriskHeat® 0 5 x 72 Silicone Rubber Heating w SDC Digital K Type C° Temperature Controller 156 Watts briskheat tapes BS0 spec thecarycompany media specs |||

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