

The Bean Farm's Flexwatt Info/Use Sheet

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Important!! Bean Farm LLC's Flexwatt Disclaimer. Since the use of this product is beyond our control, there is no implied warranty of results. This product is furnished upon the condition that the user will determine its suitability, that the user assumes all risks whatsoever and that neither the seller nor the manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from use or inability to use the product. The Flexwatt material being supplied is a heating product and a thermostat must be used.

This product should be used with a rheostat, dimmer (use with a dimmer intended for incandescent lights) or a proportional thermostat. **WARNING! You manufacture this product yourself, there are no implied warranties and you incur all liability when using this product.** The manufacture states that a qualified electrician should install it. Use common sense when using this or any other electrical heat element.

- 17" is 10 watts per foot. Max length of heat strip is 48 panels or 50'. (17" is 12.5" per panel. 24 panels equals 25 feet)
- 11" is 20 watts per foot. Max length of heat strip is 24 panels or 25'. (11" is 12.5" per panel. 24 panels equals 25 feet)
- 4" is 8 watts per foot. Max length of heat strip is 60 feet.
- 3" is 10 watts per foot. Max length of heat strip is 48 feet.

Items that people have used to cover Flexwatt

- Aluminum Foil Tape, Duct Tape, Glass, Ceramic Tile, Aluminum/Tin Sheet Metal, Kitchen Shelf (contact) paper.
- You can router shelves for the heat tape to sit in. The heat tape can be tacked down with silicone. The heat tape in the routed shelf can have a piece of sheet metal or glass on top of the heat tape in the groove.
- The key is to let the heat dissipate and to not be trapped. Do not nail or staple through heat tape!!!

Flexwatt for use in Cages

- If using on shelf with shoeboxes or glass aquariums you can lay the tape on top of the shelf and cover it in a fashion listed above. These enclosures will not burn or melt if tape is regulated properly. We recommend a single pole Leviton dimmer for incandescent lighting or a Proportional Thermostat. See TBF Web Page
- If using with a wooden cage it is recommended that you cut a slot and slide the tape inside the enclosure and cover it in a fashion listed above. Keep the electrical connections outside the cage. You can also run the tape on the vertical walls inside the cage if desired. We do not recommend running the heat tape underneath a wooden enclosure.

Controlling Flexwatt

- 600 Watt incandescent rotary on/off Dimmer. See TBF Web Page
- Proportional Thermostat. See TBF Catalog

Important Things to Know about Flexwatt.

- Keep tape under 95 degree F. This is a manufacturer's recommendation. You must use a dimmer or a thermostat to achieve this; otherwise the tape will usually exceed this temperature.
- When cutting tape: 3" & 4" - always cut through the clear stripe. 11" & 17" always cut on the cut line.
- Always insulate the wired end with Flexwatt insulators (you can also fill them in with silicone when you are finished with the wiring). Insulate the unwired ends of the heat tape with electrical tape or 3M sealant tape. See the diagram on Flexwatt instruction sheet.
- For those who are electrically inclined, as an alternative to using the metal connectors, you can solder a cord set directly to the heat tape.
- To hook up a dimmer make sure you do so between the plug and the heat tape. When splicing in dimmer cut only one of the two wires that go to the tape. Do not cut both! After cutting one wire hook the dimmer up "in line". See diagram. If you do not understand this or ask a qualified person to help. Use an insulation box to house the dimmer and its connections. For thermostats follow the manufactures instructions.
- Do not plug the heat tape in when it is rolled up or overlapping.
- Flexwatt Heat Tape is sold by the foot. We sell clip sets, cord sets, dimmers and thermostats. Each Clip set makes one electrical connection. All Flexwatt items are sold separately.