



## **The Bean Farm's Ultratherm Info Sheet**

Ultratherm Heat Mats are the best performing and most widely used vivarium heat mat on the market today.

Ultratherm Heat Mats are made in Scotland and use UL listed components. These heat pads are specifically designed for the vivarium keeper. Low wattage and long life make these heat pads great for using with herps, insects and small animals. Ultratherm heat mats produce ultra long wavelength infrared heat. These mats are great for the sole heating of cages or as a 24 hour secondary heat source. Low wattage, long life and excellent cost make these heat pads great for using with herps and small animals. The mats come with 6 foot cord and plug. 11 sizes are available at The Bean Farm. 11" x 7" to 11" x 48" and 6" x 17" to 6" x 48".

Ultratherms are extra heavy duty and double insulated. This aids in durability and does not require the pad to be grounded. If you see white spots on the pad this is normal. This is the second layer of laminate not touching the first layer. It will not affect the pads performance.

Ultratherms are continuously heating. The room temperature when rising or falling will affect the heat of the pad. They achieve 20-25 degrees above the ambient temperature. These pads are regulated, because of low wattage, to stay between 65° and 95°F (depending on exterior temperature) thereby eliminating the need for a thermostat. However, if precise temperatures need to be achieved, use in combination with a thermostat or a dimmer.

Do not use if the pad is damaged or perforated. Reptiles require a thermal gradient. Do not heat the entire cage. Heat from one half to two thirds of the cage. Make sure the reptile can get away from the heat source. You can place the heat pad inside or outside your cage. Our recommendation is for glass or plastic cages use on the outside and for wood cages you must place the pad on the inside. If you have a heavy or insulating substrate your pad might not heat as efficiently and can overheat. The thinner the layer of substrate the better the pad will heat. You may also use the Ultratherm on side or wall of the cage. Wall or side mount can be the best application for some species. For outside mount you can tape or for more permanent applications you can use a small amount of silicone on the edges.

Do not allow the mat to be immersed in water or waste. Use safeguards if using with animal with claws or nails that can pierce the mat. Do not allow the mat to be folded, pierced or cut. As with all heat sources check carefully for the first few days for overheating or other safety concerns. If in doubt don't put your animal in risk.