



NEW Patented Grafheat

Multi-Size Pipe/Cable Heating Jacket



Self limiting – Totally safe rolled onto itself!

LMK Thermosafe are pleased to present our latest award winning product “GrafHeat” using advanced heating technology. The heater membrane is the culmination of over 10 years cutting edge research and development, merging the fundamental materials science of Graphene and Polymer Composites. The technology uses a positive temperature coefficient (PTC) effect to control both power and temperature of the heating devices resulting in extremely safe solutions. These are applied in novel and economic ways for both standard and potentially explosive industrial applications.

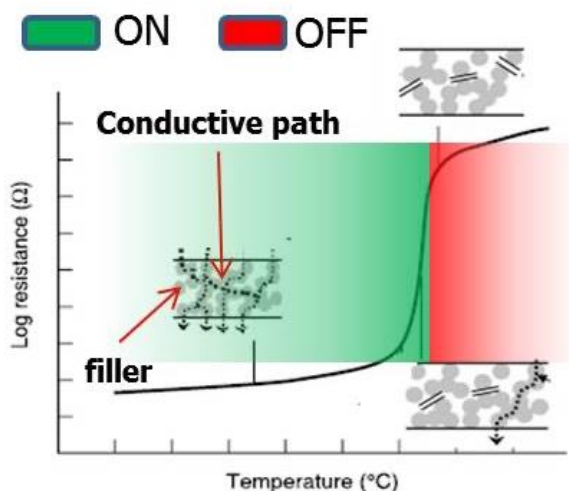
“GrafHeat Cable Heating Jackets” are developed especially for application requiring cable or pipe heating. These easy to install jackets can be overlapped and therefore used with various size cables and pipes. They are very safe to use, with or without adjustable temperature control. Optimal energy efficiency and cost saving is guaranteed with automatic regulation of power dependent on the load. The jackets are hugely versatile, operating equally with both 110 and 240 Vac power supplies.

Safe and versatile

These heating solutions are truly self-regulating and do not require additional temperature control for basic safety. The standard cut-off temperature is 110°C with custom designs also possible. Many customers add one of our digital indicating temperature controllers for versatility at lower temperatures. This is the standard configuration for cable and pipe heaters where on-site contractors require the certainty of safety in a “**one size fits all**” design but have multiple target temperatures to achieve in any specific project.

Thanks to the inherent PTC effect limiting both temperature and power, our stock jacket can be used with cables and pipes ranging from 30 to 120 mm diameter.

Smart, Economical and Energy Efficient



The jackets automatically regulate power independent of ambient temperature, offering customers greener and more economical way of heating. The same jacket can deliver power ranging from 200 to 1000 watts dependent on the specific application.



Product Specification

Single Phase 110 or 240 V, 50/60Hz a.c. Auto Adjusting Power 200 to 1000 Watts
1700 mm length 550 mm width. Weight 6.5 Kg Optional 0-90°C Digital Temperature Controller

Custom designs

State of the art GrafHeat heating technology can be deployed into many sizes and shapes depending on the requirement. Contact us at grafheat@drumheating.com to find out how GrafHeat can offer safe solutions for your surface heating projects.

