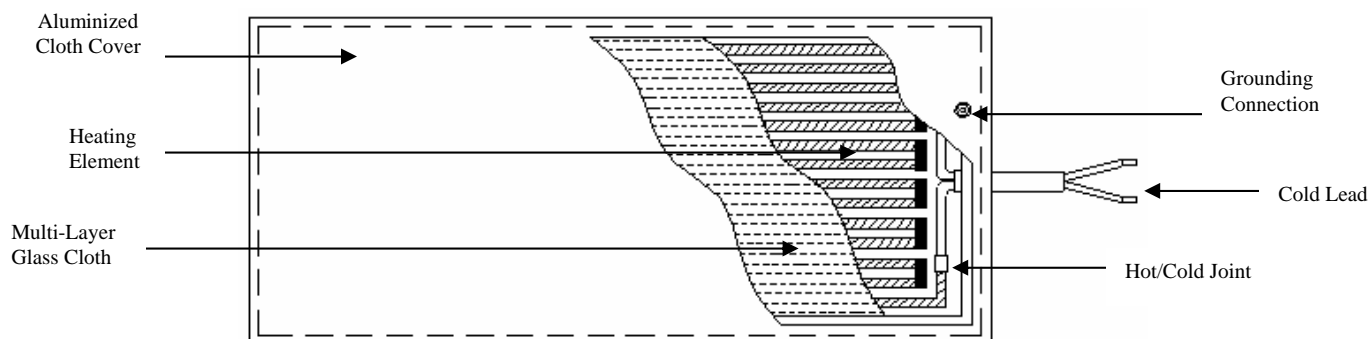


PRODUCT DATA SHEET

TYPE GA HEATING BLANKETS FOR INDUSTRIAL APPLICATIONS UP TO 350°F

The type G heating blanket is enveloped in an outer covering of industrial grade conductive aluminized cloth. This aluminized cloth meets the NEC 427.23 for grounding requirements.



The GA blanket can be made square, rectangular, trapezoidal, circular, etc., custom designed to suit the application/project. Nichrome foil elements are used to provide the heat source. Nichrome has been the element of choice for reliability and stability for decades offering unparalleled heater performance.

Data

Heating Elements	80/20 Nickel Chrome
Electrical Insulation	Fiberglass Cloth, Electrical Grade
Cold Joint Splices	Pure Nickel Splice
Cold Leads	Nickel Plated Copper, 16AWG, Extra-Flexible
Cold Lead Insulation	Double Fiberglass Braided & Varnished
Cold Lead Sheath/Overjacket	Extruded Silicone Rubber
Voltage	Up to 600volts
Outer Covering	Aluminized Fiberglass Cloth
Minimum Installation Temperature	-40°F
Maximum Exposure Temperature	+850°F
Minimum Bend Radius	2 ½"

The aluminized cloth is nominally 0.016" thick and will not support combustion. The tensile strength of the cloth is 986 N/cm and 914 N/cm on the warp and weft respectively.

Applications

Hotfoil type GA Blankets are for use in dry locations protected from contact with water or liquids. They are ideal for use on SDA, baghouse and fabric filter hoppers, pipes, vessels and tanks for heat raising and temperature maintenance applications.

Note

All forms of heating systems must use some form of temperature control. This prevents overheating, reduces power consumption and decreases thermal stress on the heaters. We can provide any form of temperature control and power distribution for systems based on client's specific requirements.

Factory Mutual Approved

Type GA Heating Blankets have been approved by Factory Mutual Research for use in dry, non-hazardous locations.

Ordering Information

The Type GA Heating Blankets are generally custom designed for specific heating applications where irregular shapes or a system of special designs are required. For these applications, please contact us at the numbers below.

There are various parameters to be observed when considering GA Blankets for projects. These are:

- | | |
|--------------------|-----------------|
| 1) Minimum Length | 12" |
| 2) Maximum Length | 60" |
| 3) Minimum Width | 1.5" |
| 4) Maximum Width | 39" |
| 5) Maximum Voltage | 600V |
| 6) Maximum Loading | 500watts/sq.ft. |

For regular shaped blankets, please consult The Hotfoil type GA Blanket Ordering Information Sheet.

For a system design, client to supply a completed application design parameter sheet and dimensional vessel (etc.) drawing to Hotfoil Inc. for a complete Type GA Heating Blanket system design.



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