

Fullchance- Aluminium Foil Heaters

Basic Info.

Type:Insulated

Conductor

Material:Copper



Conductor Type:Stranded

Application:Heating

Export Markets:Global

Additional Info.

Trademark:Fullchance

Packing:Carton

Origin:China

HS Code:8516799000

Production Capacity:10000PCS/Month



Aluminium Foil Heaters



Description

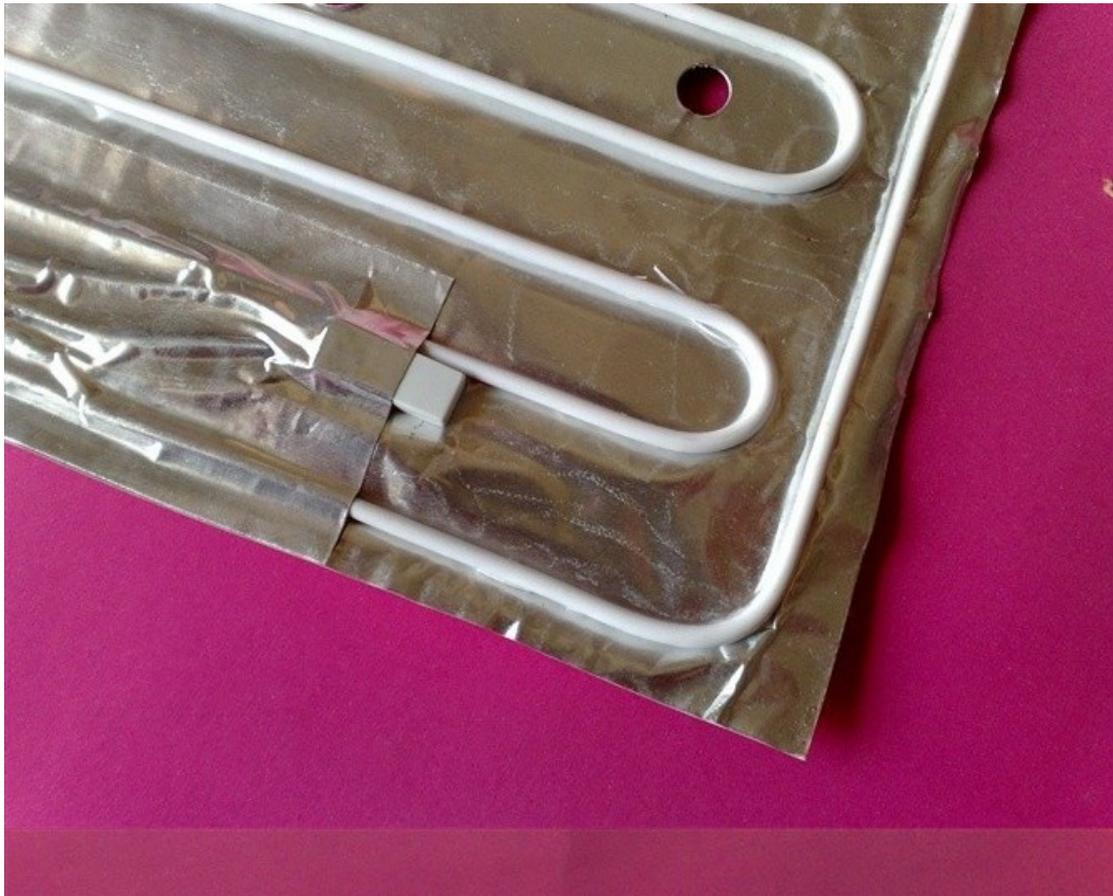
In these heaters PVC wire heater is melted onto a single aluminium foil or sandwiched between two aluminium foils. Its back has doubled sided tissue tape so that it can be conveniently fixed on any surface. These heaters are very useful for low temperature heating requirements to a

maximum level 80 deg C. These heaters can be made in different shape and sizes, has good flexibility, excellent insulation resistance, portable, convenient to handle, low price.



Technical Data

- Rated Voltage : As per customer need ranging from 110 to 240 V AC/DC
- Rated Wattage : As per customer need ranging from 5 to 100 watts and even more 10 - 20,000ohms/m
- Temperature Range : -25 to 80 deg C.
- Power Density : 3 to 8 watts/m
- Length of the Heater : 200 to 10000mm
- High Voltage resistance : 1800V for 5 sec.
- Insulation resistance : 100 M ohms



Product Structure:

The heating element can be either high temperature PVC or silicone insulated heating cable. This cable is placed between two aluminum sheets.

The aluminum foil element has adhesive backing as standard for quick and easy fixing to the area requiring temperature maintenance.

Cut outs in the material are possible, allowing for perfect fitting to the part on which the element will be mounted.

Product Application:

- Defrost or freeze protection of refrigerator or ice box
- Freeze protection of plate heat exchangers
- Temperature maintenance of heated food counters in canteens
- Anti-condensation of electronic or electric control boxes
- Hermetic compressors heating
- Anti-condensation of bathrooms mirrors
- Anti-condensation of refrigerated display cabinets
- Domestic appliances, medical



Technical Data Sheet:

		RLPV	RLPG
Electrical insulation		105°C PVC	Silicon rubber
Dimension		Any dimension on request	
Voltage		Any voltage on request	
Output		Up to 2.5KW/m ²	
Tolerances		≤±5% on resistance	
Insulation resistance in normal temperature		≥100 MΩ	
Dielectric strength in normal temperature		1800V 2S, No flashover and break down	
Leakage current in working temperature		≤0.02 mA/m	
Connect strength	Heater wire and lead wire	≥36N 1min	
	Lead wire and terminal	≥58.8N 1min	
	Heater and Al-foil	400g/ 1min	

Note: Temperature control

Cut out the hole in aluminum foil

Earthing of the aluminum foil

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