

Hotway Thermal Technology
Khasra No. – 1066, A Block, Street No. – 6, Ghaziabad – 201001

Flexible Jacket Type Drum Heater

Safe heating of 200L Drums (steel and plastic), even in hazardous areas Ideal for gentle warming and to avoid winter freezing

PRODUCT DESCRIPTION

Keep your product at the precise temperature you need with our full-coverage drum heater jackets. These are great for a range of uses including freeze protection, viscosity control, and maintenance of materials at elevated temperatures. Our full-coverage heaters give you the most efficient and timely option. These **Drum Heaters** are designed for a variety of applications. A Drum Heater – also called barrel heater, container heater or canister heater- is used to reduce viscosity of liquids and gels by heating in order to fill, pump or bottle the respective liquid or to prevent liquids from freezing inside the drum. Typical liquids for the bottling application, varnish, resin, grease, chocolate Glucose or galantine. Drum heaters are available for any size of drums. Many of these heaters offer an adjustable temperature to get your product's heat right where you want it.



Design Data/Technical Specification

Heating wire	Nichrome wire Kanthal brand 80/20 or allow or as per design and size and wattage.
Wattage	500 – 3000 watt or as per requirement
Operating Voltage (VAC/DC)	110, 220, 440
Max continues temperature	150 – 200 Dg. C (outer surface of drum)
Heating element Insulation	Teflon/FEP/Silicon, Fiber Glass cloth with ceramic wool insulation and thermostat
Cold Lead	PVC 3 core 2.50 Sq.mm connected with heating element 1.5 meter or as required.
Size	For 200-liter Plastic or metal drum (35X75 Inch) or customize

Flexible Silicon drum heater

Drum heaters of this type have an isolated heating element embedded in a Silicon coated glass fiber mat. As these heaters are flexible and wrap around the container, they also called band heaters. Up to three band heaters can be applied to a standard 200-liter barrel. There is no additional insulation so heat is lost by radiation into the surrounding air and the surface temperatures can be hot enough to burn unprotected hands



TECHNICAL SPECIFICATION:

Length	1 to 150 inches or as required
Width	1 to 36 inches or as required
Thickness	2 – 3 mm other thickness available
Watt Density	5 – 6 W/in ²
Wattage Tolerance	+5%, -10%
Maximum Temperature	150 °C
Theremostate	Thermostat required
Voltage	110, 230 Volt AC or DC
Lead wire Thickness	1 meter Teflon/Silicon insulated, other types available 1.50 – 3 mm

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