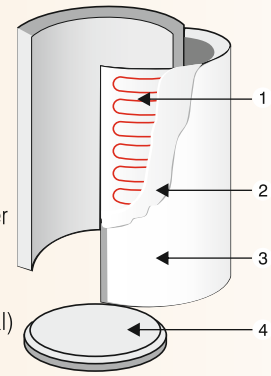
Drum Heaters

Thermo Drum Heaters are used for heating metallic drums to facilitate handling of solidified or viscous materials like adhesives, waxes, tar, chemicals, oils etc. They eliminate cumbersome methods and high investments associated with steam and oil or fire wood heating.



Construction

1. Flexible heating element on Cylindrical Metal Cover carrier
2. Thermal lagging of glass wool
3. Metal casing
4. Base Heater for bottom heating (optional)
5. Control Panel incorporating thermostatic controls (optional)

Base Heater

✦ Mild Steel Backing Plate ✦ Thermal lagging of glass wool ✦ Inter Woven Heating Element ✦ High Temperature Glass Cloth ✦ Mild Steel Spun Shell

Technical Specifications

Heat Load	Cylinder - 3kW/m^2(4.5kW max.), Base heater - 5kW/m^2(1.5kW max.)
Operating Voltage	440V, three phase, 4 wire AC

Thermo Intermediate Bulk Container Heater

THERMO INTERMEDIATE BULK CONTAINER (IBC) HEATER is a simple and an effective heating solution for all types of drums. Providing an efficient heating system our Container / Drum heating jackets are ideal for reducing the viscosity of a variety of products including fats, oils and foodstuffs, to enable the decanting of the product into smaller containers or process lines. Used throughout the world by a multitude of industries from pharmaceutical to chemical, cosmetic to food, Thermopads Container/ Drum heater is the ideal solution for heating liquid materials stored in intermediate bulk containers.

Construction:

Manufactured from lightweight but resilient materials and fitted with adjustable quick release buckles for ease of installation and removal. There is an in-built thermal protector of 75°C for safety in abnormal conditions. The heating element of the IBC heater is stitched into a high temperature mesh covered by thermal insulating mat to prevent heat loss.

Specifications

Power Output	Please refer product range table
Voltage	230 V
Thermal Protector	75 V
Insulation	Fluoropolymer
Metal Sheathing	Coated Copper
Installation(Fixing)	Nylon webbing with quick release adjustable buckles
Cold Lead	3 C x 1.5 Sqmm 2.0 meter
Jacket Material	Heated face - Silicone Coated Fiber Glass Cloth Non Heated face: Parachute cloth fabric at back side

Product Range:

S.No	Catalogue Reference Number	Size of Heater (mm.)	Power (Watts) @ 230 Volts	Resistance (Ω) @ 20°C (- 5 %, + 10 %)
1.	DH-1000/400	1020 x 380	400	132.25
2.	DH-950/450	1050 x 460	450	117.55
3.	DH-1150/700	1650 x 370	700	75.57
4.	DH-950/1200	1950 x 800	1200	44.08

Can also be custom designed as per specific requirements