

# HTSD INSULATED SIDE DRUM HEATER

## Product Information

High temperature, high performance; the HTSD is a complete heater for demanding heating applications. This silicone coated heater jacket consistently delivers aggressive heating performance in highly demanding applications.

The HTSD Heater highlights the development and progression of the heater jacket product range. Having originally been developed for the market demand for a high temperature flexible heating jacket this product design is an evolution of the

original HISD. The High Temperature Side Drum heater incorporates the successful construction methods that have become the foundation of the heater jacket success but takes the performance capabilities to the next level.

The HTSD utilises our recognised expertise in understanding silicone heater materials to manufacture this high temperature heating solution.

HTSD



HTSD



# AN INTRODUCTION TO THE **HTSD** HIGH TEMPERATURE DRUM HEATER

## KEY FACTS

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- SUITABLE FOR METAL DRUMS
  - AGGRESSIVE HEATING APPLICATIONS
  - CLASS II DOUBLE INSULATED PRODUCT
  - IP40 PROTECTION
  - SILICONE COATED GLASS CLOTH MATERIAL
  - ADJUSTABLE, QUICK RELEASE BUCKLES FOR EASY FIT
  - HIGH OPERATING TEMPERATURE OF UP TO 220C
  - STANDARD SIZES - 25L, 50L, 105L & 200L
  - 1200W AND 1800W OPTIONS AS STANDARD (200L)
  - BESPOKE SIZES AND WATTAGES AVAILABLE
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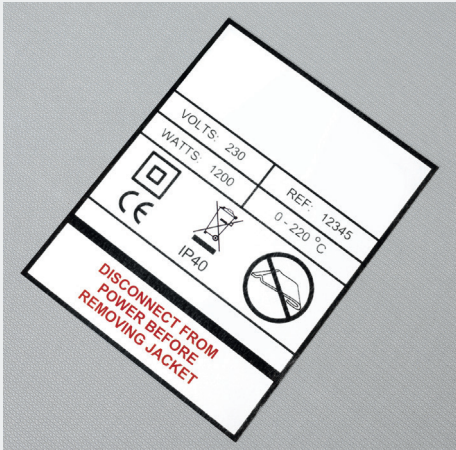
**A great solution for maintaining consistently high application temperatures**

The HTSD Drum Heater is specifically designed for melting or reducing the viscosity of products that require aggressive heating or high temperatures for handling. Featuring a 20-220°C controllable thermostat, this jacket provides the industry recognised standards for handling products such as waxes, soaps, paints, chemicals and materials with high water content.

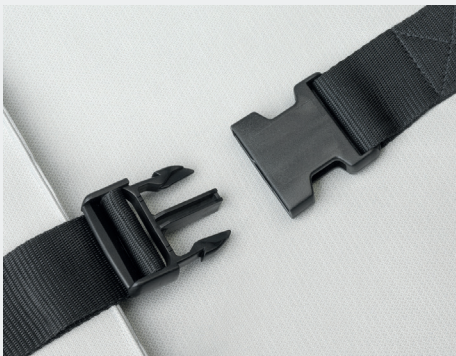
As the element needs to effectively deliver heat to products which have a high level of thermal consumption, the jacket is constructed with an outer layer of silicone coated glass fibre for excellent thermal transfer and presents a great solution for maintaining consistently high application temperatures.

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### Details



Bespoke printing for the HTSD is available, detailing your company information and specifications for the element.



Quick release buckles are used for fixing the jacket quickly and easily.



The HTSD is fitted with a high temperature thermostat.

### Construction

The high performance silicone coated heating element of the HTSD range is stitched into an insulated jacket made from silicone coated glass cloth, insulated with an E-glass fibre blanket complete with quick release buckles for ease of installation and removal. The final heater is of class two double insulated construction to meet European Safety Standards. All HTSD side drum heaters are supplied with 4 metres of robust rubber power cable and fitted with a 20 to 220°C capillary thermostat.

<b>Jacket Material</b>	Silicone coated glass fibre cloth
<b>Insulation</b>	E-glass fibre blanket
<b>Element</b>	Silicone insulated spiral wound resistance element
<b>Control</b>	+20 to +220°C Adjustable thermostat
<b>Power Cable</b>	4 Metre HO7RN-F
<b>Fixing</b>	Polypropylene webbing with quick release adjustable buckles

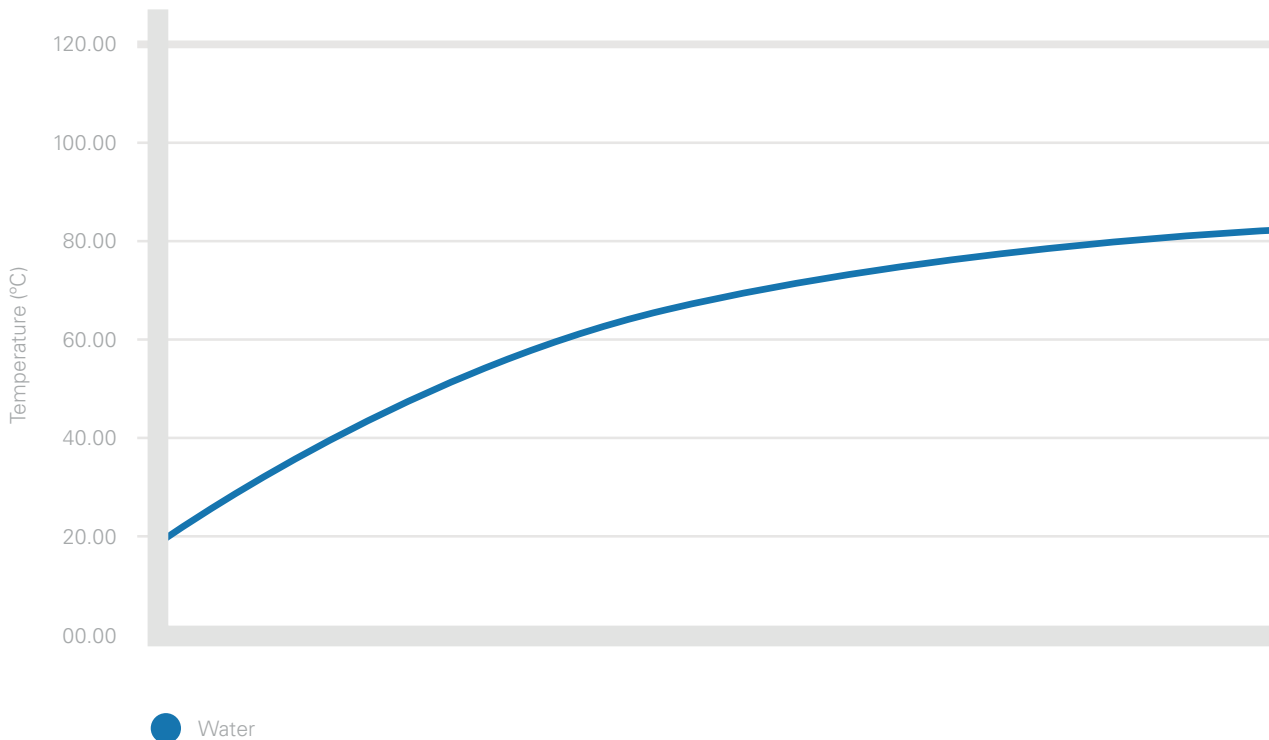
### Technical Data

- Power rating: 110 or 230 Volts
- Temperature Control: 0 to 120°C or 20 to 220°C thermostat

Drum Size	Size mm	Power	Diameter*mm
25L	400 x 1020	380W	277 to 315
50L	440 x 1250	450W	350 to 388
105L	440 x 1650	700W	470 to 515
200-210L	800 x 1950	1800W	573 to 611

\* Minimum to Maximum - The diameters given do not guarantee perfect fit. If fitting to the largest diameter the edges of the jacket may not touch. The optimum diameter is midway between the two given diameters.

## HTSD TEST DATA



The graph above shows a test report on the HTSD 1200W.

## Service Package

During process heating all jackets are likely to come in to contact with materials which can affect product performance. While silicone has excellent chemical resistance properties, in an environment where your heating solution can become covered in harmful cleaning chemicals or contaminated with hot sticky substances, regular performance checks become an essential part of good operational practice. To ensure that vital process heating requirements are not interrupted the HTSD product can be returned at any time for a performance review. We offer a full service check on all components of your container heater confirming full functionality or highlighting minor running repairs to extend the life and ensure the optimal performance of your heating solution.