

Datasheet

Heating Element Drum Heater - Silicone 1740mm

RS Stock number 790-4873



Standard Drum heaters sizes

Silicone drum heaters are used to reduce the viscosity of liquids, a maximum of 3 can be applied to 200 litre drums to either speed up the melting process or for even heat distribution, class II double insulated. Other sizes and specifications can also be easily made.

Standard drum Sizes

Litres	Dimensions	Wattage	Voltage	Temp Control C	Weight kg
200	250 x 1740mm	2000	110/230	30 - 150	0.5
200	125 x 1740mm	1500	110/230	30 - 150	0.3
20	200 x 860mm	800	110/230	30 - 150	0.4
18	250 x 900mm	1000	110/230	30 - 150	0.5



Materials for drum heating

- Adhesives (e.g. Hot melt)
- Asphalt/tar/creosote
- Brine
- Chemicals
- Chocolate
- Corn syrup
- Fat/grease/lard
- Finish pretreatment formulations
- Fuel oils
- Glycerin
- Glycol (ethylene, propylene)
- Honey
- Liquid sugar/dextrose/sucrose
- Lubricating oils
- Mastics
- Mineral oil
- Molasses
- Materials vulnerable to freeze damage
- Paints
- Plastics
- Resins (e.g. Polyurethane foam components)
- Solvents (nonflammable)
- Vegetable oils
- Wax

NOTE: Excessive heat may be harmful to some materials.

Applications

- PREHEATING OF PROCESS INGREDIENTS
- MELTING SOLIDIFIED MATERIAL
- CONTROLLING VISCOSITY
- PROMOTING DISSOLUTION
- SPEEDING LIQUID FLOW
- REDUCING RESIDUE IN DRUM
- SPEEDING CHEMICAL ACTION
- PROTECTING AGAINST FREEZING