

Datasheet

English

Stock No: [106-5431](#)

RS Pro High Performance Drum Heater & Lid – PTFE Material 1950 mm x 850 mm, 1800 W



RS Article	Heater Size (mm)	Voltage (V ac)	Wattage (W)	Control Thermostat	Drum Suitability
106-5430	850 x 1950	240	1200	0-90°C	Plastic Only
106-5431	850 x 1950	240	1800	20-220°C	Steel Only

Drum Lid	Material	Drum Suitability
200 L	PTFE Coated glass fibre cloth	Plastic / Steel

Product Overview:

The high performance Drum Heater is specifically designed for melting or reducing the viscosity of products that require aggressive heating or high temperatures for handling. It is used to achieve product temperatures at multiple levels and up to 220°C this jacket provides the industry standard for handling products such as waxes, soaps and materials with high water content.



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The outer material of this heater not only performs in heating these solutions but can also specifically target applications for the chemical, acid and food handling. The PTFE material used in construction delivers the US and EU recognised FDA regulatory statement approvals for use with all food stuffs. Constructed with an outer layer of PTFE coated glass fabric this heater jacket s excellent thermal transfer properties and presents an excellent solution for maintaining consistent product temperatures of innumerable applications.

The performance of the heater jacket is enhanced by the inclusion of the Insulated Drum Lid, this double layer insulation lid reduces heat up times and increases achievable temperatures by 20% and provides a more efficient and energy friendly solution in minimising thermal losses and reducing process heating cycles.

The heating element of the high performance range drum heaters is stitched into an insulated jacket made from lightweight, abrasion resistant PTFE fabric; this is then insulated with a high performance E-glass fibre blanket to aid thermal efficiency. The heating jackets construction is class II double insulated to ensure user safety. Quick and easy to fit, the drum heater is supplied with quick-release buckles and 4 metres of robust rubber power cable which can be fitted with a range of thermostats.

Specification:

Jacket Material:	PTFE Coated glass fibre cloth
Insulation:	E-glass fibre blanket
Element:	Silicone insulated spiral wound resistance element
Control:	0-90°C or 20-220°C adjustable thermostats
Power Cable:	4 metre HO7RN-F
Fixing:	High temperature polyester webbing with quick release buckles
Insulation Lid:	PTFE Coated glass fibre cloth, reinforced webbing on edge