

FEATURES

- Cartridge heaters have high temperature lead wires that can stand temperature of up to 450°C
- High impact ceramic cap
- Deep holes in ceramic cap prevents fraying of lead
- Nickel-chromium resistance wire
- TIG welded end disc
- Fiberglass lead wire insulation
- 10in Lead wires
- RoHS-compliant for restricted hazardous substances

Heating Element, 200mm, 1 kW, 220 V ac

RS Stock No.: 860-7003



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Opt for one of our RS PRO tube-shaped heating elements next time you need to apply localised heat to metal plates or components. This versatile, robust cartridge heater is well-suited for a wide range of industrial applications, including test instruments and plastic manufacture.

General Specifications

Max Operating Temp	450°C
Sheath Material	304 Series stainless steel
Applications	Dies, Moulds, Platens, Heat Sealing, labelling, Packaging, Hot Melt Adhesive Machinery

Electrical Specifications

Power Rating	1kW
Supply Voltage	220VAC
Lead Wire Insulation	Fibreglass

Mechanical Specifications

Lead Length	10in
Diameter	16mm
Length	200mm

Tolerance Specifications

Wattage Tolerance	±10%
Length Tolerance	±3%
Diameter Tolerance	15.84mm to 15.97mm

Approvals

Compliance/Certifications	RoHS Compliant
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Standard Features and Internal Construction:-



1. High temperature lead wires for temperatures up to 450° C.
2. High impact ceramic cap retards contamination and is suitable for high vibration applications. Deep holes in cap prevent fraying of leads when bent.
3. Nickel-chromium resistance wire for maximum heater life, evenly wound for even heat distribution.
4. High purity magnesium oxide fill selected for maximum dielectric strength and thermal conductivity, highly compacted for maximum heat transfer.
5. 304 stainless steel sheath for oxidation resistance in a wide variety of environments. 316 stainless steel and Incoloy are also available. Please consult the application guide in the back for help in determining which material is best for your application.
6. TIG welded end disc to prevent contamination and moisture absorption.