

TEMPERATURE MAINTENANCE SYSTEMS

RS - RS/T - RS/I Silicon elastomer insulated tape



Characteristics

- Max. power 60 W/m.
- Power cable : Length 1m as standard
- RS : silicon elastomer insulated tapes.
- RS/T : with tinned copper braid for earthing and mechanical protection.
- RS/I : with stainless steel braid for earthing and mechanical protection.
- Special production on request.

Applications

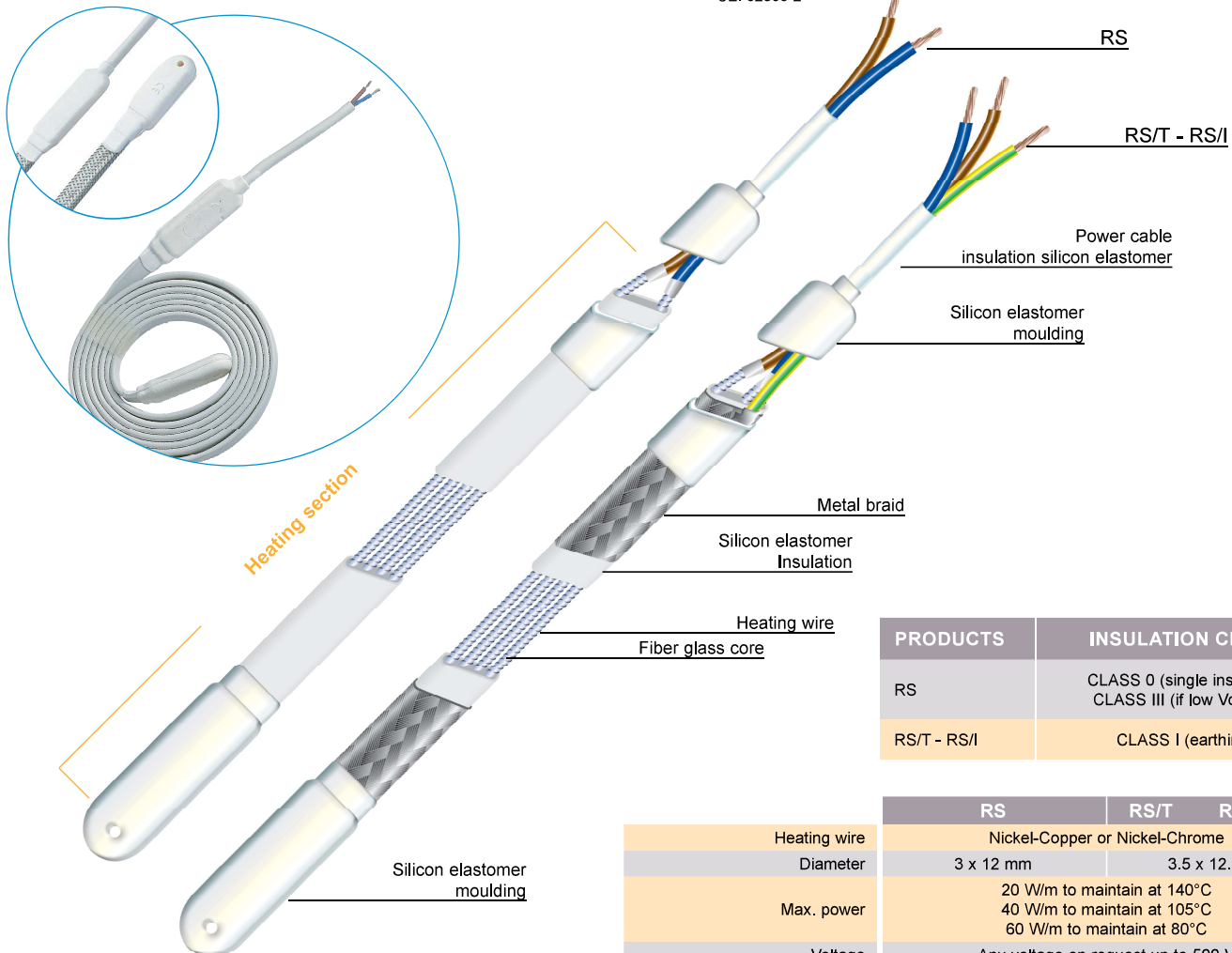
RS, RS/T and RS/I heating tapes are designed for maintaining temperatures of up to 140°C. They are insulated with a completely sealed silicon elastomer.

To ensure that these heating elements enjoy a long service life, we recommend using a control device.



Standards

CEI 62395-1
CEI 62395-2



| PRODUCTS | INSULATION CLASS |
|-------------|--|
| RS | CLASS 0 (single insulated) CLASS III (if low Voltage) |
| RS/T - RS/I | CLASS I (earthing) |

| | RS | RS/T | RS/I |
|---------------------------------|--|---------------|------|
| Heating wire | Nickel-Copper or Nickel-Chrome | | |
| Diameter | 3 x 12 mm | 3.5 x 12.5 mm | |
| Max. power | 20 W/m to maintain at 140°C 40 W/m to maintain at 105°C 60 W/m to maintain at 80°C | | |
| Voltage | Any voltage on request up to 500 V | | |
| Permissible surface temperature | from - 70°C to + 200°C | | |
| Tolerances | Power : ± 10 % Diameter : + 0,2 / - 0,1 mm Length : ± 1 % | | |
| Connection and end insulation | Sealed silicon elastomer moulding | | |
| Ingress protection code | IP66 | | |
| Minimum bending radius | 6 x the thickness | | |

Use

Heating tapes are series resistors. Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

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