

## 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

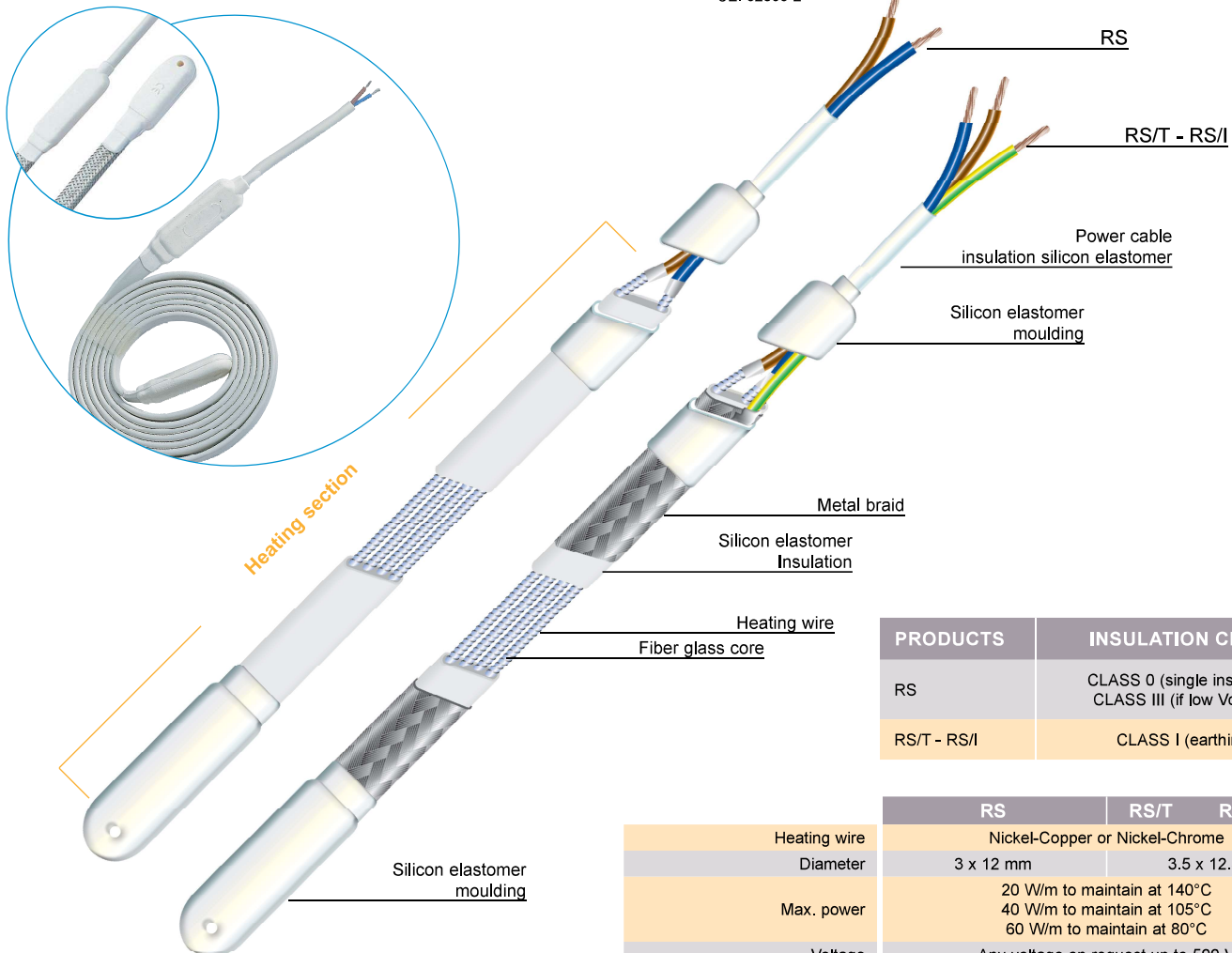
RS, RS/T and RS/I heating tapes are designed for maintaining temperatures of up to 140°C. They are insulated with a completely sealed silicon elastomer.

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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