

TEMPERATURE MAINTENANCE SYSTEMS

C1S - C1S/T - C1S/I Silicon elastomer cords



Characteristics

- cords on request.
- C1S : silicon elastomer cords.
- C1S/T : with tinned copper braid for mechanical protection and earthing.
- C1S/I : with stainless steel braid for mechanical protection and earthing.
- Special production on request.

Applications

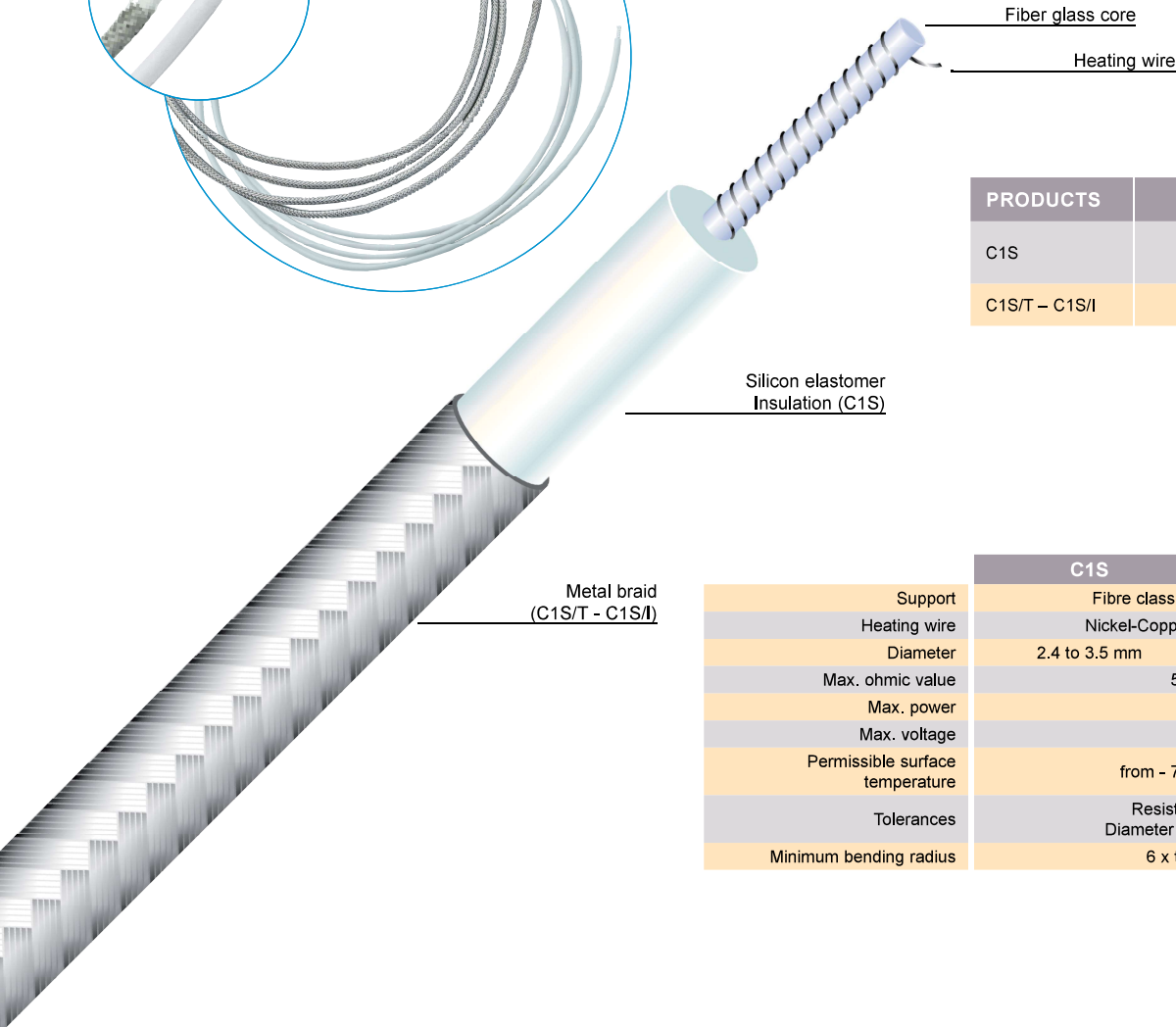
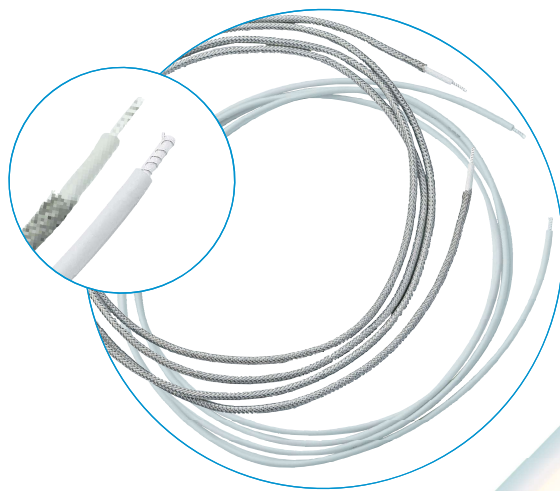
C1S, C1S/T and C1S/I heating cords are mainly used in the household electrical or refrigeration industries, or in machines requiring protection against freezing or temperature maintenance.

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



Standards

CEI 62395-1
CEI 62395-2
UL758 (UL) on request
C22.2 N° 210 (cUL) on request



PRODUCTS	INSULATION CLASS
C1S	CLASS 0 (single insulated) CLASS III (if low voltage)
C1S/T - C1S/I	CLASS I (earthing)

	C1S	C1S/T - C1S/I
Support	Fibre class Ø 0.7 or Ø 1.1 mm	
Heating wire	Nickel-Copper or Nickel-Chrome	
Diameter	2.4 to 3.5 mm	2.7 to 3.8 mm
Max. ohmic value	5000 Ω/m	
Max. power	30 W/m	
Max. voltage	600 V	
Permissible surface temperature	from - 70°C to + 200°C	
Tolerances	Resistance : ± 10 % Diameter : + 0.2 / - 0.1 mm	
Minimum bending radius	6 x the diameter	

Use

Heating cords 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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