FLEXCORD®

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TEMPERATURE MAINTENANCE SYSTEMS

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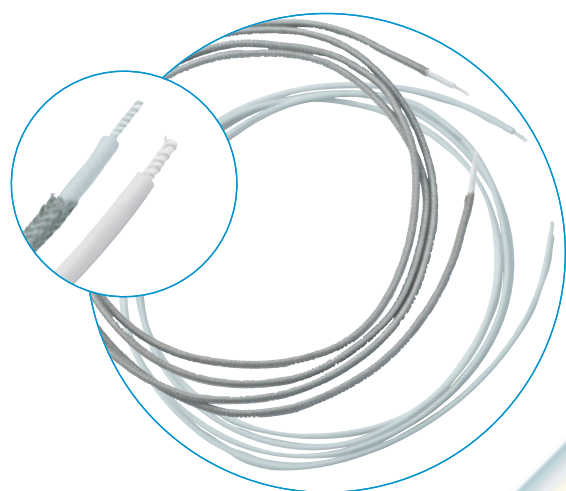# Silicon elastomer cords

UL CE

Characteristics

- UL 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.

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.

Fibre glass core

Heating wire

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

Silicon elastomer insulation

Metal braid (C1S/T - C1S/I)

	C1S	C1S/T - C1S/I
Support	Fibre glass Ø 0.7 or Ø 1.1 mm	
Heating wire	Nickel-Copper or Nickel-Chrome	
Insulation	Silicon elastomer	
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	

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.