


## C1P - C1P/T - C1P/I PVC insulated cords



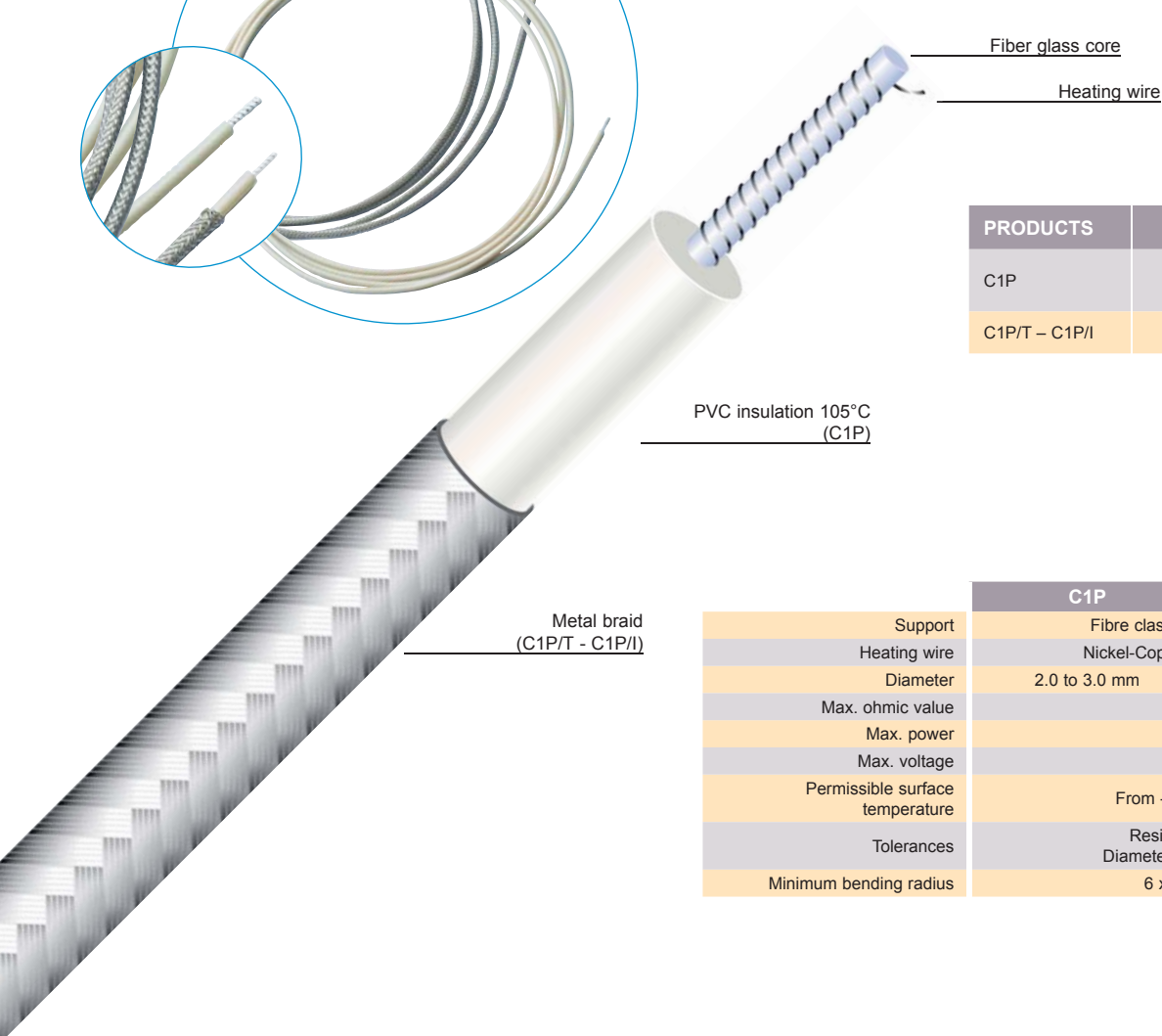
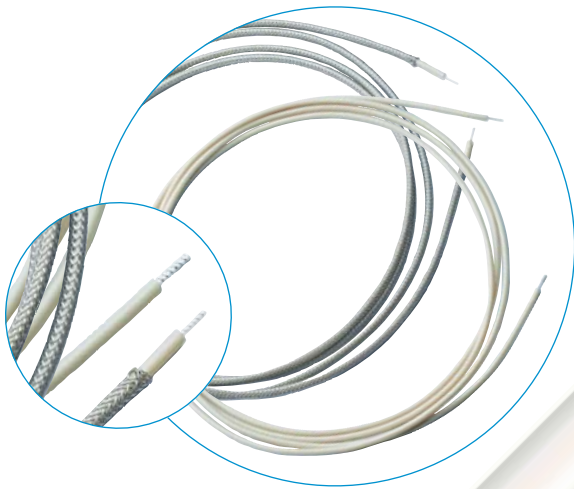
### Characteristics

-  cords on request.
- C1P : PVC insulated cords.
- C1P/T : with tinned copper braid for mechanical protection and earthing.
- C1P/I : with stainless steel braid for mechanical protection and earthing.
- Special production on request.

### Applications

C1P, C1P/T and C1P/I heating cables 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.



| PRODUCTS      | INSULATION CLASS   |
|---------------|--|
| C1P           | CLASS 0 (single insulated)<br>CLASS III (if low voltage) |
| C1P/T - C1P/I | CLASS I (earthing)                                       |

|                                 | C1P  | C1P/T - C1P/I |
|---------------------------------|--|---------------|
| Support                         | Fibre class Ø 0.7 or Ø 1.1 mm                      |               |
| Heating wire                    | Nickel-Copper or Nickel-Chrome                     |               |
| Diameter                        | 2.0 to 3.0 mm                                      | 2.3 to 3.3 mm |
| Max. ohmic value                | 5000 Ω/m   |               |
| Max. power                      | 15 W/m   |               |
| Max. voltage                    | 600 V  |               |
| Permissible surface temperature | From - 30°C to + 105°C                             |               |
| Tolerances                      | Resistance : ± 10 %<br>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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