

C1FS/I - C2FS/I - R3FS/I Long cables and tapes



Characteristics

- Designed according to customer requirements.
- For very long circuits.
- Highly corrosion-resistant.
- Connection via tubular connectors and Heat-shrink sheath.
- Stainless steel braid.
- Mechanical protection and earthing.
- Fluoropolymer and silicon elastomer insulation.

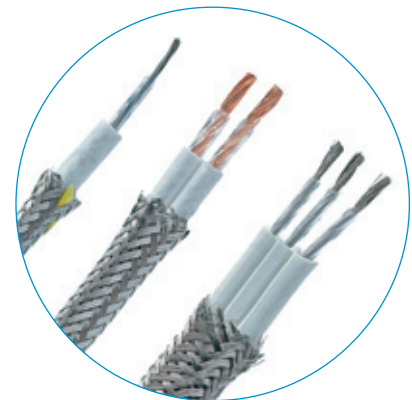
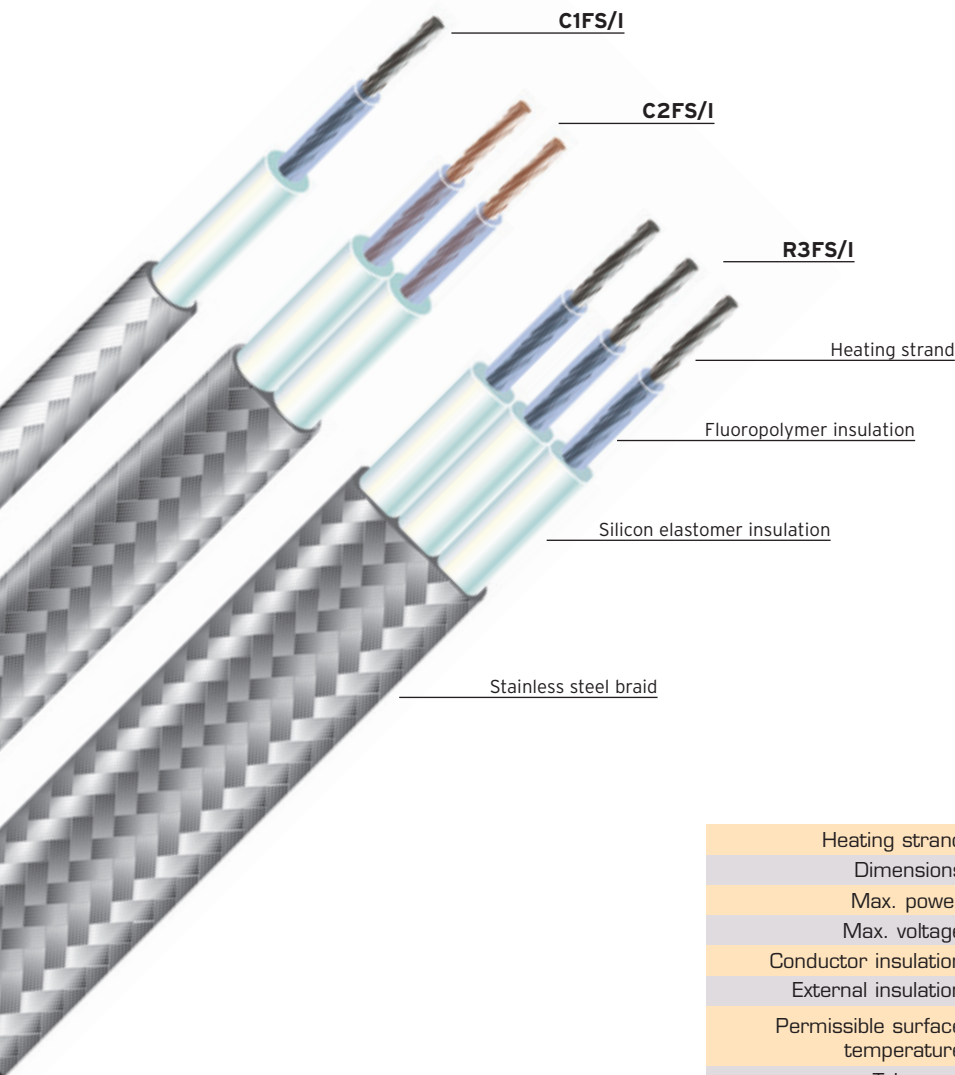
Applications

C1FS/I cables are specially designed for heating concrete tracks for VAL type metros. They can be terminated into copper tubes.

C2FS/I cables are specially designed for heating metal metro tracks and rails of the VAL type. They can be slid inside a U-shaped composite profile clamped against the rail with stainless steel clips.

R3FS/I tapes are used when it is required to trace very long stretches, where a 400V, 3-phase power supply is available, for example in pits or tunnels.

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



	C1FS/I	C2FS/I	R3FS/I
Heating strand	Nickel-Copper or Nickel-Chrome		
Dimensions	Ø 6.5 mm	5 x 9 mm	7 x 16 mm
Max. power	40 W/m	60 W/m	80 W/m
Max. voltage	750 V		
Conductor insulation	Fluoropolymer		
External insulation	Silicon elastomer		
Permissible surface temperature	from - 70°C to + 200°C		
Tolerance	Resistance ± 10 %		

Use

Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories

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