

## TEMPERATURE MAINTENANCE SYSTEMS

### RP - RP/T - RP/I PVC insulated tape



#### Characteristics

- Max. power 20 W/m.
- Power cable: length 1m as standard
- RP : PVC insulated heating tape.
- RP/T : with tinned copper braid for earthing and mechanical protection.
- RP/I : with stainless steel braid for earthing and mechanical protection.
- Special production on request.

#### Applications

RP, RP/T and RP/I heating tapes are mainly used to protect piping from freezing, but they can also be used to maintain temperatures up to 60°C.

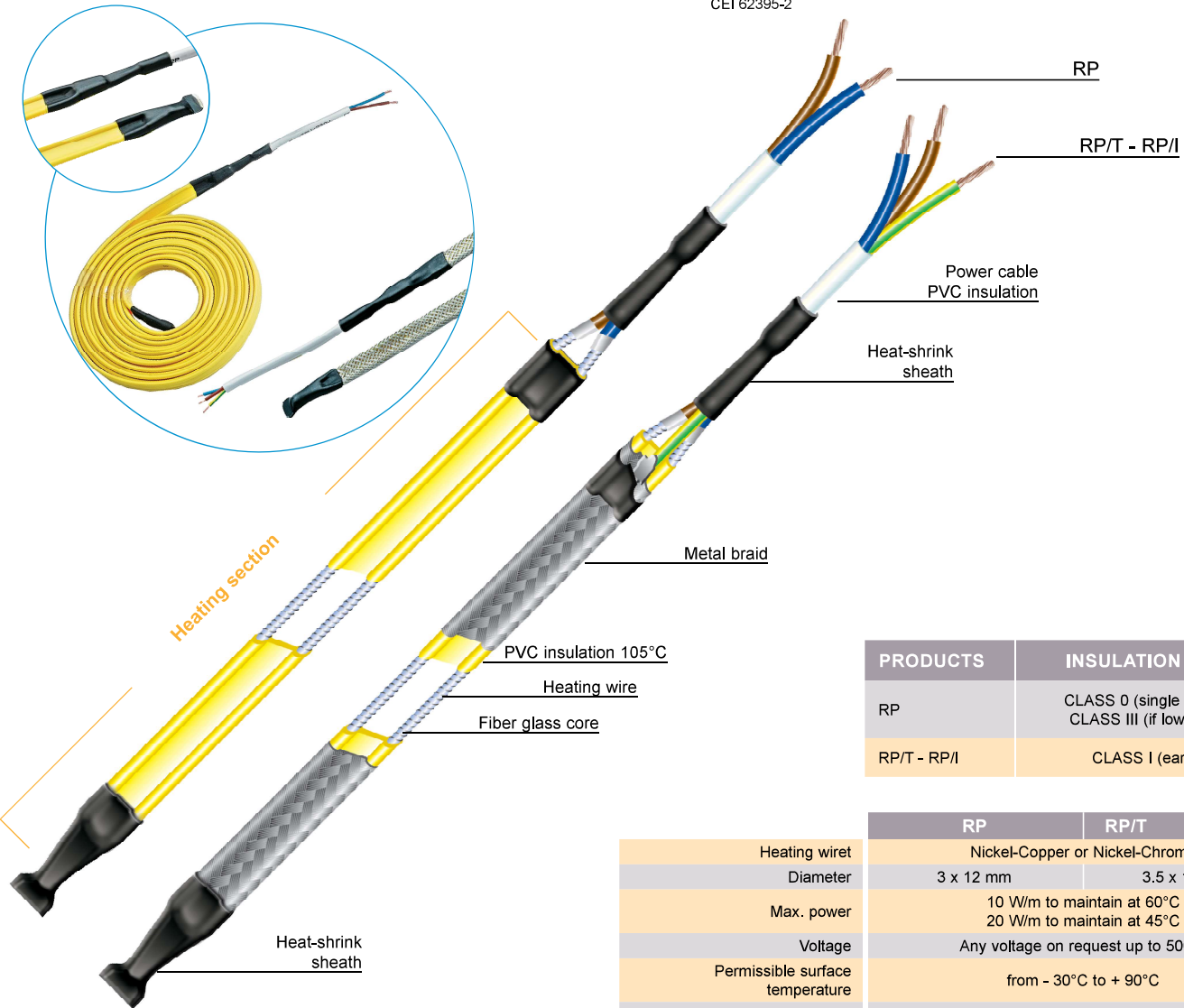
Insulation is provided by an extremely flexible, high-temperature PVC which makes the tapes easy to use.

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
RP	CLASS 0 (single insulated) CLASS III (if low Voltage)
RP/T - RP/I	CLASS I (earthing)

	RP	RP/T	RP/I
Heating wire	Nickel-Copper or Nickel-Chrome		
Diameter	3 x 12 mm		3.5 x 12.5 mm
Max. power	10 W/m to maintain at 60°C 20 W/m to maintain at 45°C		
Voltage	Any voltage on request up to 500 V		
Permissible surface temperature	from - 30°C to + 90°C		
Tolerances	Power : ± 10 % Diameter : + 0.2 / - 0.1 mm Length : ± 1 %		
Connection and end insulation	Heat-shrink sheath with adhesive		
Ingress protection code	IP55		
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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