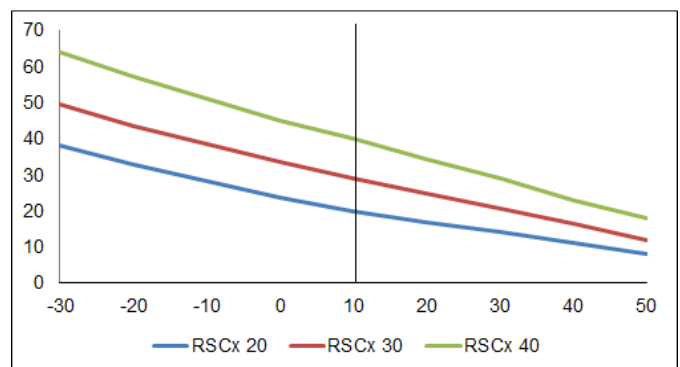
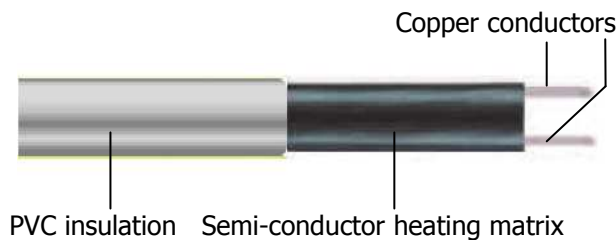


SELF- REGULATING HEATING WIRES - RSCx

The technology of Calorflex self-regulating heating wires is based on the properties of certain particular polymers that vary their resistance as a function of the temperature they are exposed to. They are made of two tinned copper conductors on which is extruded a compound made of a specific concentration of graphite and semi-conductive polymers that will constitute the wire active and heating portion. This matrix is subsequently irradiated by a special equipment to record its molecular setting and build a memory of its initial characteristics. The tape thus obtained is insulated with PVC sheath that effectively guarantees a first stage of mechanical and electrical insulation. All the wire specifications can be marked on the insulating sheath.

Calorflex self-regulating heating wires are usually produced and supplied by the metre, unbroken or in bobbins. At customer's request or for special applications, they can be supplied in pieces of the required length and wired according to the customer's needs and characteristics of the project, as regards voltage (Volt), dissipated power (Watt/metre), length of the heated segments and of the cold input segments (mm).

STRUCTURE SKETCH**GENERAL CHARACTERISTICS**

- Input voltage: 220/240 Volt
- Minimum bending radius: 20mm
- Minimum installation temperature: - 40°C

Code	RSCx 20	RSCx 30	RSCx 40
W/m at 10°C	20	30	40
Max. Length of the circuit	95m	85m	65m
Conductor sections	0,56 mm ²	0,56 mm ²	0,56 mm ²
Diameter (mm)	5,5±0,1	5,5±0,1	5,5±0,1
M.O.T. On	65°C	65°C	65°C
M.O.T. Off	85°C	85°C	85°C

M.O.T.: Max operating temperature

PROVISIONS AND REFERENCE HOMOLOGATIONS

- In compliance with 2006/95 EEC DIRECTIVE
- CE declaration of conformity on all items