

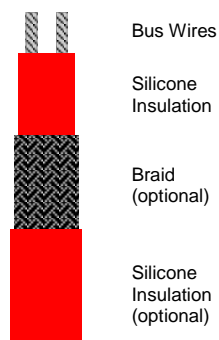


SPH SERIES RESISTANCE HEATING TAPES

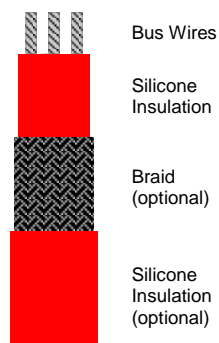
SPH heating tape is a series resistance heating tape designed for longer circuit runs. SPH can be connected in various ways to give various wattages and configurations.

SPH was designed to give a reliable and long service life, the use of bunched copper wires instead of solid foils, eliminates the potential problem of liner expansion, foils can expand at a greater rate than the insulation material causing buckling and in extreme cases electrical insulation failure. Due to its construction a bunched wire of the same material has the same expansion ratio, however much of the expansion is taken up within the bunch.

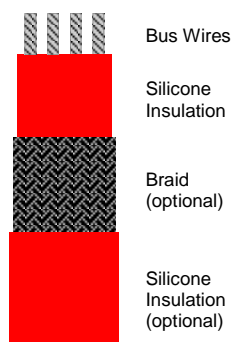
SPH 2



SPH 3



SPH 4



- Flexible & Tough.
- Braid earth return and screen.
- Can be tested for ohms & Insulation Resistance.
- Cut and terminate on site.
- Lead free solder.
- Good heat resistance.
- Can print with customers name.
- Printed with CE mark.
- Water and UV resistance
- No inrush current.

Technical Information

Bus wires	Tinned Copper
Core	Silicone Rubber
Braiding	Tinned Copper (Optional)
Over Jacket	Silicone Rubber (Optional)
Temperature Range	Min -50°C, Max +225°C
Standard	BS 6351 Grade 22

“SPH 2” TWO WIRE can be used on its own or in multiples on single or three phase electrical systems.

“SPH 3” THREE WIRE can be used on its own or in multiples on single or three phase electrical systems.

“SPH 4” FOUR WIRE can be used on its own, mainly used on three phase electrical systems in Multiple tapes configurations.

Each of the SPH heating tapes are available in 3 sizes and resistances.

- Type “A” Each Element 0.0185Ω/m
- Type “B” Each Element 0.0123Ω/m
- Type “C” Each Element 0.0074Ω/m

Example Order Reference: “SPH 3 C”
(SPH Type with 3 elements each 0.0074Ω/m)

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