

HIGH TEMPERATURE WIRES AND CABLES  
FOR THE GENERAL MARKET  
SECTION I: CROSS LINKED ELASTOMERS

# SILICABLE® CSVCS and ECSVCS Reinforced double insulating layer -60 °C to +180 °C

## Approvals - standards

- Halogen-free: IEC 60754-1 / EN 60754-1.
  - Meets the requirements of standard NF EN 60335-1: Safety of household and similar electrical appliances.

## Applications

- Class 2 lighting equipment and convectors or any other household electrical appliance complying with standard NF EN 60335-1.

## Options

- Nickel-plated copper core: ref. CNCVCS.
  - Silver-plated copper core: ref. ACSVCS.
- Pure nickel core (not described in IEC 60228): ref. NCSVCS.
  - Solid bare copper (ref. RCSVCS) or tin-plated (ref. RECSVCS) core – class 1 as per IEC 60228: contact us.
- Extra-flexible bare copper (ref. CSVCS-ES) or tin-plated (ref. ECSVCS-ES) core – class 6 as per IEC 60228: contact us.
- Other nominal cross-sections: contact us.
  - Other nominal stranding: contact us.
  - Other options and/or combinations of the options outlined above: contact us.

## Characteristics

### General

- Continuous operating temperatures: -60 °C to +180 °C.
- Good resistance to thermal shock and UV.

### Electrical

- Rated voltage: 300/500 V.
- Test voltage: 3750 V.

## Standard products

- Inner insulating layer: white.
- Outer insulating layer: all solid colours.

## CSVCS and ECSVCS

### Flexible core • class 5 as per IEC 60228

Nominal cross-section (mm <sup>2</sup> )		Maximum linear resistance at 20 °C (Ω/km) (bare copper core)
0.5	16 x 0.20	39.0
0.75	24 x 0.20	26.0
1	32 x 0.20	19.5
1.5	30 x 0.25	13.3
2.5	50 x 0.25	7.98
4	56 x 0.30	4.95
6	84 x 0.30	3.30
10	80 x 0.40	1.91
16	126 x 0.40	1.21
25	196 x 0.40	0.780
35	276 x 0.40	0.554
50	396 x 0.40	0.386

### INSULATED WIRE OR CABLE

	Nominal diameter (mm)	
	0.9	10.9
	0.9	13.0
	0.9	15.3
	1.0	22.4
	1.1	33.6
	1.2	51.1
	1.5	77.3
	1.7	130
	2.0	193
	2.2	299
	2.4	396
	2.6	556

SILICONE INSULATED AND/OR SHEATHED  
WIRES AND CABLES WITH REINFORCING BRAID



- 1 • Flexible bare copper (ref. CSVCS) or tin-plated (ref. ECSVCS) core - class 5 as per IEC 60228.
- 2 • Insulation: Silicone rubber.
- 3 • Reinforcement: Fibreglass braid.

For this product, please contact:

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For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.

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LES CABLES DE L'EXTREME