

# SILICABLE®

## CSV and ECSV

- 60°C to + 200°C

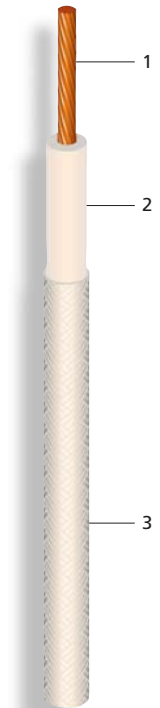
### CHARACTERISTICS

#### Physical-chemical

- Continuous working temperatures: - 60°C to + 200°C  
Peaks at + 290°C.
- Good resistance to thermal shock and UV.
- Excellent ageing resistance.

Electrical	S < 6 mm <sup>2</sup>	S > 6 mm <sup>2</sup>
• Working voltage :	300/500 V	600/1000V
• Test voltage :	2000 V	3500 V

- 1 - Flexible red copper core (**CSV**) or tinned (**ECSV**) - class 5 - IEC 228.
- 2 - Silicone rubber - type EI2 - HD 22.1.
- 3 - Silicone-impregnated fibreglass braid.



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### PRODUCTS

- 0.25 to 6 mm<sup>2</sup>: all plain colours, and with coloured spiral tracers.
- 10 to 400 mm<sup>2</sup>: white, other colours on request.

### PACKAGING

- Rolls, spools or drums.

### OPTIONS

- Nickel-plated core: ref. CNCSV.
- Pure nickel core: ref. NCSV.
- Mechanical outer shielding:
  - in galvanized steel: ref. CSVBG.
  - in stainless steel: ref. CSVBI.
- Other cross-sections and flexibility classes: consult us.

### APPROVALS - STANDARDS

- VERITAS approval certificate N° BV 153552.
- CNET-approved silicone insulation as per specification CM26 / NF C 32-062.
- Halogen-free cable.
- Silicone compound as per HD 22.1 - type EI2.



### APPLICATIONS

- Wiring of domestic electrical heating appliances.
- Production machinery.
- Lighting.
- Industrial wiring in hot environments.



### CORE

Nominal cross-section mm <sup>2</sup>	Nominal stranding	Max. linear resistance at 20°C S/km (red copper core)
0.25	14 x 0.15 or 8 x 0.20	78.6
0.4	12 x 0.20	52.4
0.5	16 x 0.20	39.0
0.6	19 x 0.20	32.8
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	0.78
35	276 x 0.40	0.554
50	396 x 0.40	0.386
70	360 x 0.50	0.272
95	485 x 0.50	0.206
120	608 x 0.50	0.161
150	756 x 0.50	0.129
185	944 x 0.50	0.106
240	1221 x 0.50	0.0801
300	1525 x 0.50	0.0641
400	2037 x 0.50	0.0486

### INSULATED WIRE OR CABLE

Nominal thickness of silicone sheath mm	Nominal outer diameter mm	Approx. linear weight kg/km
0.45	1.9	5.40
0.45	2.0	6.90
0.45	2.1	8.10
0.45	2.2	10.2
0.45	2.4	11.3
0.45	2.5	13.7
0.45	2.8	19.5
0.5	3.4	31.3
0.6	4.3	47.7
0.8	5.3	68.4
1.0	6.9	121
1.2	8.3	192
1.4	10.1	300
1.4	11.5	399
1.6	13.7	555
1.6	15.3	767
1.8	17.9	1034
1.8	20.4	1285
2.0	22.4	1598
2.2	24.9	1964
2.2	27.4	2620
2.4	30.9	3490
2.6	35.2	4600