

SILICABLE®

CSC, ECSC and ECSC-VDE

Double insulation series
- 60°C to + 180°C

CHARACTERISTICS

Physical-chemical

- Continuous working temperatures: - 60°C to + 180°C. Peaks at + 230°C.
- Good resistance to thermal shock and UV.
- Excellent ageing resistance.

Electrical

- Working voltage: ref. CSC and ECSC: 300/500 V
ref. ECSC-VDE: 300/300 V
ref. CNCSC-VDE: 300/300 V.
- Test voltage: 3750 V.

PRODUCTS

- Inner sheath: white.
- Outer sheath: all colours.

PACKAGING

- Rolls, spools, drums or SILIBOX®.

OPTIONS

- Harmonised cable (European Standards): ref. **H05SS-K**, consult us.
- Rigid core: ref. RCSC or RECSC.
- VDE-approved rigid tinned copper core series: ref. **RECSC-VDE**.
- Nickel-plated copper core: ref. CNCSC
- VDE-approved rigid nickel-plated copper core : ref. **RCNCSC-VDE**.
- Pure nickel core: ref. NCSC
- Fibreglass or steel reinforcing braids: consult us.
- UL- and CSA-approved: consult us.
- Other options: consult us.

- 1 - Flexible red copper core (**CSC**) or tinned (**ECSC**) or nickel-plated - class 5 - IEC 60228.
- 2 - Silicone rubber - type EI2 - HD 22.1.

APPROVALS - STANDARDS

- CNET-approved silicone insulation as per specification CM26 / NF C 32-062.
- Halogen-free cable, meets requirements of test C1 of standard NF C 32-070.
- Meets requirements of standard NF EN 60 335-1.
- Series ECSC-VDE and CNCSC-VDE: VDE-approved, licence N° 119365.
- Silicone compound complies with HD 22.1, type EI2.
- Fire behaviour as per standards IEC 60332-1 and IEC 60331: consult us.



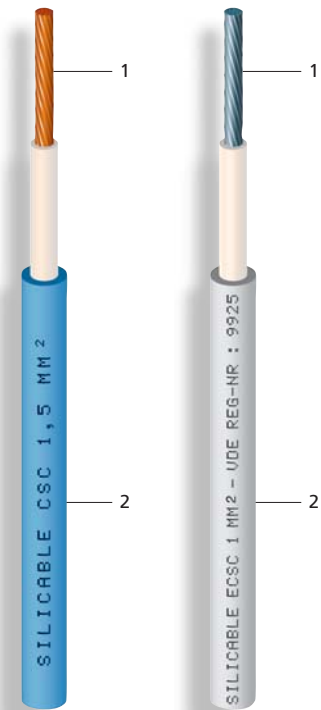
APPLICATIONS

- Class 2 convactor heaters and lighting appliances, and any other domestic electrical appliance meeting standard NF EN 60 335-1.
- Wiring of rotating machines (class H).



CSC

ECSC-VDE
CNCSC-VDE



Series CSC and ECSC

CORE

Nominal cross-section mm ²	Nominal stranding	Max. linear resistance at 20°C Ω/km (red copper core)
0.5	16 x 0.20 or 7 x 0.30	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	0.78
35	276 x 0.40	0.554

INSULATED WIRE OR CABLE

Nominal total insulation thickness mm	Nominal outer diameter mm	Approx. linear weight kg/km
0.7	2.3	10.3
0.7	2.6	13.6
0.7	2.8	17.6
0.8	3.2	23.4
0.9	3.8	35.3
1.0	4.6	52.5
1.1	5.6	75.3
1.4	7.2	128
1.6	8.6	197
2.0	10.8	305
2.0	12.2	405

Series ECSC-VDE and CNCSC-VDE

CORE

Nominal cross-section mm ²	Nominal stranding	Max. linear resistance at 20°C Ω/km
0.5	16 x 0.20	40.1
0.75	24 x 0.20	26.7
1	32 x 0.20	20.0
1.5	30 x 0.25	13.7
2.5	50 x 0.25	8.21

INSULATED WIRE

Nominal insulation thickness		Nominal outer diameter mm	Approx. linear weight kg/km
inner sheath mm	outer sheath mm		
0.6	0.6	3.3	13.4
0.6	0.6	3.6	16.2
0.6	0.6	3.7	20.1
0.7	0.7	4.4	27.1
0.8	0.8	5.2	37.2