

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

SILICABLE® CSVRI and ECSVRI -60 °C to +220 °C



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



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

Approvals - standards

- VERITAS approval certificate No. BV 153552.
 - VDE certificates:
 - > No. 9296-5950-4001 TL3/Li-ec-k-l.
 - > No. 16648-5950-4001/ATF Li-hz-k-l.
- Halogen-free: IEC 60754-1 / EN 60754-1.

Applications

- Cabling for household electrical heating appliances.
 - Street lighting.
- Industrial cabling in hot atmospheres.
- Wire specifically designed to facilitate stripping on automatic machines.

Options

- Nickel-plated copper core: ref. CNCSVRI.
 - Stranded bare copper (ref. CSVRI-SP) or tin-plated (ref. ECSVRI-SP) core - class 2 as per IEC 60228: See details of the option below.
- Solid bare copper (ref. RCSVRI) or tin-plated (ref. RECSVRI) core - class 1 as per IEC 60228: See details of the option below.
- 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 +220 °C.
- Good resistance to thermal shock and UV.
- Specifically designed for stripping on automatic machines.

Electrical

- Rated voltage: 450/750 V.
- Test voltage: 2500 V.

Standard products

- All solid colours, yellow/green or white with coloured spiral markings.

CSVRI and ECSVRI

Flexible core • class 5 as per IEC 60228

Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km) (bare copper core)	Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)
	Class 5	Alternative			
0.5	16 x 0.20	-	0.4	2.2	8.5
0.75	24 x 0.20	11 x 0.30	0.4	2.4	11.0
1	32 x 0.20	14 x 0.30	0.4	2.5	13.2
1.5	30 x 0.25	21 x 0.30	0.4	2.9	18.7
2.5	50 x 0.25	35 x 0.30	0.5	3.5	29.4
4	56 x 0.30	-	0.6	4.3	47.3
6	84 x 0.30	-	0.8	5.3	72.0

INSULATED WIRE

Option • CSVRI-SP and ECSVRI-SP

Stranded core • class 2 as per IEC 60228

0.34*	7 x 0.25	57.5	0.4	1.7	5.7
0.5	7 x 0.30	36.0	0.4	1.9	7.9
0.75	7 x 0.37	24.5	0.4	2.1	10.6
1	7 x 0.43	18.1	0.4	2.3	13.4
1.5	7 x 0.52	12.1	0.4	2.6	18.5
2.5	7 x 0.67	7.41	0.5	3.4	29.8

Option • RCSVRI and RECSVRI

Solid core • class 1 as per IEC 60228

0.5	1 x 0.80	36.0	0.45	2.1	9.2
0.75	1 x 0.98	24.5	0.45	2.2	11.4
1	1 x 1.13	18.1	0.45	2.4	14.5
1.5	1 x 1.38	12.1	0.45	2.7	19.8
2.5	1 x 1.77	7.41	0.5	3.2	30.9
4**	1 x 2.24	4.61	0.6	4.0	48.1
6**	1 x 2.76	3.08	0.8	4.8	71.8

For this product, please contact:

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LES CABLES DE L'EXTREME

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