

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

SILICABLE®

Style 30133

-60°C to +150°C



Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965.
 - Conductor resistance according to IEC 60228 class 6.
- Flame resistance according to IEC 60332-1-2.
- Low smoke toxicity according to IEC 61034-2.
 - Halogen free according to IEC 60754.

Applications

- Switchboards, Power cabinets.
 - Battery energy storage.
- Cabling for static machines: transformers, inductors, inverters, choppers.
- Railway Industry (current collector, etc.)

Options

- Extra-flexible tin-plated, silver-plated or nickel-plated copper core.
 - Other markings: contact us.
 - Other colours: contact us.
- Other nominal cross-sections: contact us.

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



- 1 • Extra-flexible bare copper core.
- 2 • Silicone insulation.
- 3 • Coated synthetic fibre braid.

Characteristics

General

- High flexibility due to 0.10mm strand of core.
- Continuous operating temperatures: -60°C to +150°C.
- Good resistance to thermal shock and UV.
- Excellent mechanical resistance.
- Standard color: black.

Electrical

- Nominal working voltage: 3 kV.
- Test voltage: 10 kV.

Marking

- OMERIN 369 – SILICABLE 150C 3000V 30133 AWM.

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Part number	Extra-flexible core			INSULATED WIRE OR CABLE	
	Nominal cross-section (mm ²)	Nominal diameter of strands (mm)	Minimum nominal insulation thickness (mm)	Nominal external diameter (mm)	Max. linear resistance at 20°C (Ω/km)
B1408001	35	0.10	1.75	15.0	0.554
B1408002	50	0.10	1.75	16.7	0.386
B1408003	70	0.10	1.75	19.2	0.272
B1408004	95	0.10	1.75	21.2	0.206
B1408005	120	0.10	1.75	22.7	0.161
B1408006	150	0.10	1.75	24.7	0.129
B1408007	185	0.10	1.80	27.2	0.106
B1408008	240	0.10	1.80	31.2	0.0801
B1408009	300	0.10	1.95	33.7	0.0641

For this product, please contact:

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LES CABLES DE L'EXTREME

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