

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

SILICABLE® Style 30123 -60°C to +180°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.).
- Test bench.

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

5 4 3 2 1



- 1 • Extra-flexible bare copper core.
- 2 • Silicone insulation.
- 3 • Tinned copper braid.
- 4 • Aluminium/PET tape.
- 5 • Silicone sheath with high tear strength

Characteristics

General

- High flexibility due to 0.10 mm strand of core.
- Continuous operating temperatures: -60°C to +180°C (+150°C as per UL).
- Good resistance to thermal shock and UV.
- High tear resistance.
- Bending radius in fixed installation: 3 x D.

Electrical

- Rated voltage: 3 kV.
- Test voltage: 10 kV (sparktest).

Standard product

- Colour: black.

Marking

- OMERIN 369 – SILICABLE 150C 3000V 30123 AWM

SILICABLE® Style 30123

Extra-flexible core			INSULATED WIRE OR CABLE			
Part number	Nominal cross-section (mm²)	Nominal diameter of strands (mm)	Minimum nominal insulation thickness (mm)	Nominal external diameter (mm)		Max. linear resistance at 20°C (Ω/km)
				min.	max.	
A0754001	35	0.10	1.39	15.6	18.2	0.554
A0754002	50	0.10	1.39	17.3	19.9	0.386
A0754003	70	0.10	1.39	19.6	22.6	0.272
A0754004	95	0.10	1.39	21.6	24.6	0.206
A0754005	120	0.10	1.39	23.3	26.3	0.161
A0754006	150	0.10	1.39	25.1	28.7	0.129
A0754007	185	0.10	1.39	27.5	31.1	0.106
A0754008	240	0.10	1.39	30.2	34.2	0.0801
A0754009	300	0.10	1.39	33.1	37.1	0.0641

For this product, please contact:

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LES CABLES DE L'EXTREME

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