

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

SILICABLE® Style 30122 -60°C to +180°C



SILICONE INSULATED AND/OR SHEATHED WIRES AND CABLES

2 1

SILICABLE 150C 3000V 30122 AWM

- 1 • Extra-flexible bare copper core.
- 2 • Silicone insulation.

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.

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.
- Bending radius in fixed installation: 2 x D.

Electrical

- Rated voltage: 3 kV.
- Test voltage: 10 kV.

Standard product

- Colour: black.

Marking

- OMERIN 369 – SILICABLE 150C 3000V 30122 AWM

SILICABLE® Style 30122

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.	
A0753001	35	0.10	1.27	11.5	14.1	0.554
A0753002	50	0.10	1.27	13.2	15.8	0.386
A0753003	70	0.10	1.27	15.5	18.5	0.272
A0753004	95	0.10	1.27	17.3	20.3	0.206
A0753005	120	0.10	1.27	19.0	22.0	0.161
A0753006	150	0.10	1.27	20.7	24.3	0.129
A0753007	185	0.10	1.27	23.2	26.8	0.106
A0753008	240	0.10	1.27	25.9	29.9	0.0801
A0753009	300	0.10	1.27	28.8	32.8	0.0641

For this product, please contact:

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LES CABLES DE L'EXTREME

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