

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

SILICABLE® H05SJ-K

USE <HAR> Approval
-60 °C to +180 °C

<HAR>

Approvals - standards

- USE <HAR> Approval as per NF EN 50525-2-41.
- Halogen-free: IEC 60754-1 / EN 60754-1.

Applications

- Cabling for household electrical heating appliances.
 - Production machines.
 - Lighting.
- Industrial cabling in hot atmospheres.

Options

- Varnished fibreglass braid: contact us.

Characteristics

General

- Continuous operating temperatures: -60 °C to +180 °C.
- Good resistance to thermal shock and UV.

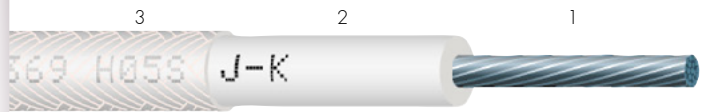
Electrical

- Rated voltage: 300/500 V.
- Test voltage: 2000 V (as per NF EN 50525-2-41).

Standard products

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

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



- 1 • Flexible bare copper, tin-plated, nickel-plated or silver-plated core - class 5 as per IEC 60228 / EN 60228.
- 2 • Insulation: Silicone rubber - type EI2 - NF C 32-525-1 / NF EN 50525-1 / EN 50363-1.
- 3 • Reinforcement: Silicone-coated fibreglass braid.

H05SJ-K

Flexible core • class 5 as per IEC 60228

Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km) (tin-plated copper core)	INSULATED WIRE OR CABLE		Approximate linear weight (kg/km)
			Nominal thickness of insulation (mm)	Nominal diameter (mm) min. max.	
0.5	16 x 0.20	40.1	0.6	2.6 3.3	11.0
0.75	24 x 0.20	26.7	0.6	2.8 3.5	14.5
1	32 x 0.20	20.0	0.6	2.9 3.7	16.7
1.5	30 x 0.25	13.7	0.7	3.4 4.2	20.4
2.5	50 x 0.25	8.21	0.8	4.0 5.0	35.0
4	56 x 0.30	5.09	0.8	4.5 5.6	49.4
6	84 x 0.30	3.39	0.8	5.0 6.2	73.3
10	80 x 0.40	1.95	1.0	6.2 7.8	123
16	126 x 0.40	1.24	1.0	7.3 9.1	182
25	192 x 0.40	0.795	1.2	9.0 11.3	272
35	259 x 0.40	0.565	1.2	10.3 12.8	355
50	377 x 0.40	0.393	1.4	11.7 14.6	502
70	340 x 0.50	0.277	1.4	13.8 17.3	686
95	444 x 0.50	0.210	1.6	15.6 19.6	911

INSULATED WIRE OR CABLE

Nominal thickness of insulation (mm)	Nominal diameter (mm) min. max.		Approximate linear weight (kg/km)
	0.6	2.6	
0.6	2.8	3.5	14.5
0.6	2.9	3.7	16.7
0.7	3.4	4.2	20.4
0.8	4.0	5.0	35.0
0.8	4.5	5.6	49.4
0.8	5.0	6.2	73.3
1.0	6.2	7.8	123
1.0	7.3	9.1	182
1.2	9.0	11.3	272
1.2	10.3	12.8	355
1.4	11.7	14.6	502
1.4	13.8	17.3	686
1.6	15.6	19.6	911

For this product, please contact:

OMERIN division principale

Zone Industrielle - F 63600 Ambert
Tel. +33 (0)4 73 82 50 00 - Fax +33 (0)4 73 82 50 10
omerin@omerin.com

OMERIN division silisol

BP 87 - ZI du Devey - F 42000 Saint-Étienne
Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 37 00
silisol@omerin.com

www.omerin.com

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For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.
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LES CABLES DE L'EXTREME