UNIPOLAR WIRES AND CABLES
WITH COMPOSITE INSULATION

SILICABLE® PVS
-60 °C to +230 °C

1 • Flexible bare copper core – class 5 as per IEC 60228.
2 • Impregnated fibreglass lappings.
3 • Crossed polyester tapes.
4 • Silicone-coated fibreglass braid.

Applications

• Cabling for domestic electrical heating appliances: kitchens, professional ovens, etc.
• Industrial cabling in hot atmospheres.
• Cabling for paint booths.
• Cabling for collector vehicles.

Options

• Solid bare copper core – class 1 as per IEC 60228: ref. RPVS (see details of this option below).
• Reinforced wall and yellowed outer aspect for cabling for collector vehicles: ref. PVP.
• Completely silicone-free for cabling for paint booths: ref. PVPL.

Characteristics

General

• Continuous operating temperatures: -60 °C to +230 °C.
• Reinforced resistance to humidity.

Electrical

• Rated voltage: 300/500 V.
• Test voltage: 2000 V.

Standard products

• All solid colours with coloured spiral stripe(s).

PVS

Flexible core • Class 5 as per IEC 60228 — **INSULATED WIRE**

Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.5	16 x 0.20	39.0	2.1	8.1
0.6**	19 x 0.20	32.8	2.2	9.0
0.75	24 x 0.20	26.0	2.3	10.8
1	14 x 0.30*	19.5	2.4	13.5
1.5	30 x 0.25	13.3	2.7	17.0
2**	40 x 0.25	9.98	3.0	21.6
2.5	50 x 0.25	7.98	3.2	26.6
3**	42 x 0.30	6.60	3.4	31.6
4	56 x 0.30	4.95	3.8	43.2
6	84 x 0.30	3.30	4.5	66.0

Option • RPVS

Solid core • Class 1 as per IEC 60228 — **INSULATED WIRE**

0.5	1 x 0.80	36.0	2.0	8.1
0.75	1 x 0.98	24.5	2.2	10.7
1	1 x 1.13	18.1	2.3	12.8
1.5	1 x 1.38	12.1	2.5	17.5
2.5	1 x 1.77	7.41	3.0	27.5
4	1 x 2.24	4.61	4.0	46.2
6	1 x 2.76	3.08	4.5	67.3

* Stranded core - class 2 as per IEC 60228.
** Nominal cross-sections not described in IEC 60228.

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

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LES CABLES DE L'EXTREME

www.omerin.com