

VARPREN® F

-40 °C / +155 °C

HALOGEN-FREE
SILICONE-FREE

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- 1 • Flexible tin-plated copper core – class 5 as per IEC 60228.
- 2 • Insulation: Varpren®.

Class F
IEC 60332-3-22 Cat. A

Applications

- Class F cabling for electric motors.

Approvals - standards

- Halogen-free: EN 60754-1.
- Fire retardant: NF C 32-070 test C1.
- Flame retardant: EN 60332-1-2 / NF C 32-070 test C2.
- Test for vertical flame propagation of vertically-mounted bunched wires or cables – Category A: IEC 60332-3-22.
- Low corrosivity of gas emissions: EN 60754-2.
- Low smoke density: EN 61034-2.

Characteristics

General

- Continuous operating temperatures: -40 °C to +155 °C.
- Excellent tearing strength.
- Minimum bending radius: 5 x D.

Electrical:

- Rated voltage: 600/1000 V.
- Test voltage: 3500 V.

Standard products:

- All colours including two-coloured.

Options

- Bare copper core: contact us.
- Nickel-plated copper core: contact us.
- Other nominal cross-sections: contact us.
- Other nominal stranding: contact us.
- Other options: contact us.

Flexible core • class 5 as per IEC 60228

INSULATED WIRE OR CABLE

Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)	Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.34 (450/750V)	19x0.15	58.97	0.4	1.6	6.0
0.5	16x0.20	40.1	0.6	2.2	9.0
0.75	24x0.20	26.7	0.6	2.4	11.7
1	32x0.20	20.0	0.6	2.5	13.8
1.5	30x0.25	13.7	0.6	3.0	20.2
2.5	50x0.25	8.21	0.7	3.6	31.2
4	56x0.30	5.09	0.8	4.3	47.2
6	84x0.30	3.39	0.8	4.9	65.9
10	80x0.40	1.95	1.0	6.6	120
16	126x0.40	1.24	1.0	7.7	172
25	196x0.40	0.795	1.2	9.6	270
35	276x0.40	0.565	1.2	10.7	355
50	396x0.40	0.393	1.4	12.6	502
70	360x0.50	0.277	1.4	14.9	693
95	485x0.50	0.210	1.6	17.2	913



SEVI KABEL