

HIGH TEMPERATURE MEDIUM VOLTAGE
POWER CABLES**SILICOUL®**
Style 3662 - 4.2 kV**UL and cUL approval****-60 °C to +180 °C****Approvals - standards**

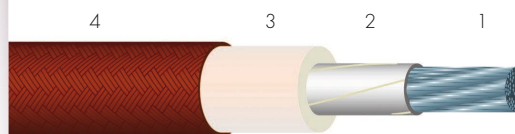
- UL approval (180 °C / 4200 V) as per standard UL 758 – File no.: E101965.
- cUL approval (CSA 180 °C / 4200 V) as per standard C22.2 N° 210 – File no.: E101965.
- Compliance with the tests described as per standards IEC 60092-350/360, IEC 60331-11/21, IEC 60332-1-1/2, IEC 60332-3-22 category A and IEC 60754-2.
- Horizontal flame as per UL approval.
- FT1 and FT2 flame ratings as per CSA approval.

Applications

- Cabling for rotating machines: motors, alternators, generators.
- Cabling for static machines: transformers, inductors, inverters, choppers.
- Shipbuilding and railway construction.
- Power cabinets.

Options

- Flexible bare copper core class 5 as per IEC 60228: contact us.
- Flexible or extra-flexible silver-plated or nickel-plated copper core - class 5 or 6 as per IEC 60228: contact us.
- Without reinforcing braid: contact us.
- Varnished synthetic fibre reinforcing braid: contact us.
- Very high temperature fibre reinforcing braid: contact us.
- Multi-conductor cable made up of an assembly of several single conductor cables SILICOUL® Style 3662 4.2 kV: contact us.
- Other colours: contact us.
- Other nominal metric or American cross-sections: contact us.
- Other options and/or combinations of the options outlined above: contact us.

SILICONE INSULATED MEDIUM VOLTAGE
POWER CABLES WITH REINFORCING BRAID

- 1 • Flexible tin-plated copper core - class 5 as per IEC 60228.
- 2 • Optional separating tape.
- 3 • Insulation: Silicone rubber.
- 4 • Reinforcement: Coated synthetic fibre braid.

Characteristics**General**

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

Electrical

- Rated voltage: 4.2 kV.
- Test voltage: 10 kV.

Standard products

- Standard insulation colour: white.
- Standard reinforcing braid colour: brown.

Style 3662 - 4.2 kV**Flexible core • class 5 as per IEC 60228**

Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
1.5	7 x 0.52*	12.2
2.5	19 x 0.40*	7.56
4	32 x 0.40*	4.70
6	48 x 0.40*	3.11
10	80 x 0.40	1.95
16	126 x 0.40	1.24
25	196 x 0.40	0.795
35	276 x 0.40	0.565
50	396 x 0.40	0.393
70	360 x 0.50	0.277
95	485 x 0.50	0.210
120	608 x 0.50	0.164
150	756 x 0.50	0.132
185	944 x 0.50	0.108
240	1221 x 0.50	0.0817
300	1525 x 0.50	0.0654
400	2037 x 0.50	0.0495

INSULATED WIRE OR CABLE

Nominal diameter (mm)	Approximate linear weight (kg/km)
5.5	39.4
6.3	52.9
6.9	72.2
7.8	98.7
9.0	143
10.2	201
11.8	296
13.2	392
15.3	545
17.0	720
20.2	973
22.2	1233
24.4	1519
25.8	1856
29.6	2470
31.8	3004
35.7	3909

* Tin-plated copper core – class 2 as per IEC 60228.

For this product, please contact:

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 LES CABLES DE L'EXTREME
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