

SILICABLE® style 5170

Lead wire for hermetically sealed motors

UL and cUL approval

-30 °C to +125 °C



Approvals - standards

- UL and cUL approval (CSA) as per standard UL 758 and C22.2 no. 210 – File no.: E107814.

Applications

- Internal cabling for hermetically sealed motors.

Options

- Other metric or American cross-sections: contact us.
 - Other nominal stranding: contact us.
 - Other coloured spiral stripe(s): contact us.
- Flexible or extra-flexible tinned copper core.
 - Specific insulation thickness: contact us.
- Style 5048 (-30°C to +105°C / 600 V): contact us.

UNIPOLAR WIRES AND CABLES WITH COMPOSITE INSULATION



- Flexible or extra-flexible bare copper core.
- Heat-stabilized non-coated high resistance polyester braid.
- Polyester tape(s).
- Heat-stabilized non-coated high resistance polyester braid.

Characteristics General

- Continuous operating temperature: -30°C to +125°C.
- Excellent resistance to R12, R22, R404A, R134a, R407C, R507, etc. refrigerant gases and refrigerant oils.
- Excellent mechanical strength (abrasion, vibration and alternate bending).
- Excellent chemical purity.
- Excellent resistance to aggressive chemical environments.

Electrical

- Rated voltage: 600 Vac.
- Test voltage: 3 000 Vac.

Standard products

- White with coloured spiral stripe(s): blue, red or black.

Conducting core

INSULATED WIRE OR CABLE

Nominal cross-section	Nominal stranding (flexible core)	Nominal stranding (extra-flexible core)	Max. linear resistance at 20 °C (Ω/km)	Nominal Diameter (mm)	Approximate linear weight (kg/km)
AWG (mm ²)					
- 0.75	24 x 0.20	42 x 0.15	26.0	1.9	8.6
18 -	-	65 x 0.127	21.8	1.95	9.0
- 1	32 x 0.20	-	19.5	2.1	11.0
16 -	-	105 x 0.127	13.7	2.3	14.9
14 -	-	168 x 0.127	8.62	2.9	22.7
12 -	-	259 x 0.127	5.31	3.3	33.9
- 4	56 x 0.30	-	4.95	3.8	43.0
10 -	-	13 x 0.127	3.41	4.2	54.9
- 6	-	336 x 0.15	3.30	4.1	58.0
9 -	-	378 x 0.15	2.60	4.4	65.6
8 -	-	665 x 0.127	2.15	5.2	86.9
- 10	-	784 x 0.127	1.91	5.3	110
- 16	-	504 x 0.20	1.21	6.5	161
- 25	196 x 0.40	-	0.780	8.0	252
- 35	280 x 0.40	-	0.554	9.5	348

For this product, please contact:

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LES CABLES DE L'EXTREME

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