

SILIFLON® Style 10506

PTFE insulation

UL and cUL approval

-90 °C to +250 °C

Approvals - standards

- Nickel-plated copper complying with the 2% class as per standard ASTM B355.
- UL approval as per standard UL 758 – File no.: E101965.
- cUL approval (CSA) as per standard C22.2 No. 210 – File no.: E101965.
- "Horizontal flame test" as per UL approval.
- "FT1 flame rating" as per cUL approval.

Applications

- Internal cabling for electrical or electronic appliances.

Options

- Pure nickel core: contact us.
- 27% nickel-plated copper core: contact us.
- Other nominal cross-sections: contact us.
- Other nominal stranding: contact us.
- Other style no. available: style 10487 with PTFE tape + glass tape(s) based insulation.



Characteristics

General

- Continuous operating temperatures: -90 °C to +250 °C.
- Excellent resistance to aggressive chemical environments.
- Excellent resistance to humidity and UV.
- Excellent mechanical strength.

Electrical

- Rated voltage: 600 V.
- Test voltage: 2000 V.

Standard products

- Standard insulation colours: all solid colours.



- 1 • Multistrand nickel-plated copper core.
- 2 • Insulation: PTFE tape(s).

Style 10506

MULTISTRAND CORE

Nominal cross-section AWG	Nominal cross-section (mm ²)	Nominal stranding*
30	0.05	7 x 0.10
28	0.09	7 x 0.13
26	0.14	7 x 0.16
24	0.22	7 x 0.20
22	0.34	7 x 0.25
-	0.5	7 x 0.30
20	0.6	19 x 0.20
-	0.75	24 x 0.20
18	0.93	19 x 0.25
-	1	32 x 0.20
16	1.34	19 x 0.30
-	1.5	30 x 0.25
14	-	29 x 0.30
-	2.5	50 x 0.25
12	-	46 x 0.30
-	4	56 x 0.30

INSULATED WIRE

Nominal thickness of insulation (mm)	Nominal diameter** (mm)	Approximate linear weight (kg/km)
0.15	0.66	1.1
0.15	0.76	1.6
0.15	0.86	2.1
0.15	0.99	3.0
0.15	1.16	4.4
0.15	1.30	6.1
0.15	1.38	7.0
0.15	1.51	8.7
0.18	1.70	10.9
0.18	1.76	11.7
0.18	1.96	15.1
0.18	2.05	16.5
0.18	2.33	22.3
0.18	2.53	26.5
0.18	2.98	34.9
0.18	3.25	42.1

For this product, please contact:

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* The most common nominal stranding. Some stranding is not available in all types of conductor metals. Other stranding can be produced taking into account the possibilities permitted by standard UL 758 and/or IEC 60228.

** The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account.

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LES CABLES DE L'EXTREME

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