

# SILIFLON®

## RETFE, RFEP and RPFA

### -90 °C to +260 °C



### Approvals - standards

- Series inspired by standard NF C 93-522.

### Applications

- Cabling in household electrical appliances, electronics.
- Cabling in hot or cold environments (cryogenics).
- Cabling in aggressive environments (humidity, chemicals, etc.).
  - Cabling requiring compact size and excellent mechanical strength.

### Options

- Solid tin-plated copper core
  - ref. REETFE, REFEP and REPPA: contact us.
- Solid silver-plated copper core
  - ref. RAETFE, RAFEP and RAPPA: contact us.
- Solid nickel-plated copper core
  - ref. RCNETFE, RCNFEP and RCNPFA: contact us.
- Solid pure nickel core
  - ref. RNETFE, RNFEF and RNPPA: contact us.

### Characteristics

#### General

- Continuous operating temperatures:
  - RETFE: -90 °C to +155 °C.
  - RFEP: -90 °C to +205 °C.
  - RPFA: -90 °C to +260 °C.
- Excellent resistance to aggressive chemical environments.
- Excellent resistance to humidity and UV.
- Excellent mechanical strength.

#### Electrical

- Rated voltage: 300/500 V.
- Test voltage: 2500 V.

### Standard products

- All colours including translucent.

### RETFE, RFEP and RPFA

#### SOLID CORE

Nominal cross-section (mm <sup>2</sup> )	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
0.03	1 x 0.20	599
0.05	1 x 0.25	384
0.07	1 x 0.30	268
0.125	1 x 0.40	140
0.15	1 x 0.43	118
0.2	1 x 0.50	93.1
0.22	1 x 0.52	84.2
0.32*	1 x 0.64	57.5
0.5	1 x 0.80	36.0
0.75	1 x 0.98	24.5
1	1 x 1.13	18.1
1.5	1 x 1.36	12.1
2.5	1 x 1.77	7.41
4	1 x 2.24	4.61
6	1 x 2.74	3.08

#### INSULATED WIRE

Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.15	0.5	0.6
0.15	0.55	0.8
0.17	0.65	1.2
0.17	0.75	1.8
0.17	0.8	2.1
0.17	0.85	2.6
0.17	0.85	2.7
0.20	1.05	4.1
0.20	1.2	5.9
0.20	1.4	8.5
0.25	1.65	11.5
0.25	1.9	16.0
0.30	2.4	26.6
0.35	2.95	41.7
0.35	3.45	60.5

For this product, please contact:

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\*\* Nominal cross-section available in the solid tin-plated copper core version only.

[www.omerin.com](http://www.omerin.com)

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LES CABLES DE L'EXTREME

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