

SILIFLON®

ETFE and EETFE

- 90°C to + 155°C

CHARACTERISTICS

Physical-chemical

- Continuous working temperatures: - 90°C to + 155°C
Peaks at + 180°C.
- Excellent resistance to aggressive chemical atmospheres.
- Excellent resistance to humidity and UV.
- Excellent mechanical strength.

Electrical

- Working voltage: 450/750 V
- Test voltage: 2500 V

PRODUCTS

- All colours, including translucent.

PACKAGING

- Rolls, spools, drums or SILIBOX®.

OPTIONS

- Nickel-plated copper core: ref. CNETFE.
- Silver-plated copper core: ref. AETFE.
- Pure nickel core: ref. NETFE.
- Cross-sections up to 240 mm²: consult us.
- Other flexibility classes: consult us.

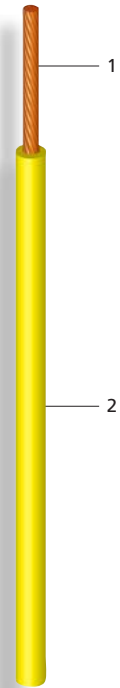
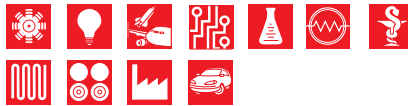
- 1 - Flexible red copper core (ETFE) or tinned (EETFE) - IEC 228.
- 2 - ETFE fluorinated polymer insulator.

APPROVALS - STANDARDS

- Series inspired by standard NF C 93-524 and VDE 0250 / 106.

APPLICATIONS

- Wiring of rotating machines, class F.
- Wiring in household appliances, electronics.
- Wiring in hot or cold environments (cryogenics).
- Wiring in aggressive atmospheres (humid, chemical, etc.).
- Wiring that requires compact fitting and excellent mechanical strength.



D

CORE

Nominal c/section mm ²	Nominal stranding	Nominal diameter mm	Max. linear resistance at 20°C Ω/km (red copper core)
0.05	7 x 0.10	0.30	373
0.12	7 x 0.15	0.45	161
0.15	19 x 0.10	0.50	136
0.22	7 x 0.20	0.60	89.9
0.25	19 x 0.13	0.65	79.9
0.34	7 x 0.25	0.75	58.9
0.34	19 x 0.15	0.75	58.9
0.5	7 x 0.30	0.90	39.6
0.5	16 x 0.20	0.90	39.0
0.6	19 x 0.20	1.00	32.8
0.75	24 x 0.20	1.05	26.0
0.93	19 x 0.25	1.25	21.0
1	32 x 0.20	1.20	19.5
1.34	19 x 0.30	1.40	14.6
1.5	30 x 0.25	1.45	13.3
2.5	50 x 0.25	1.90	7.98
4	56 x 0.30	2.55	4.95
6	84 x 0.30	3.10	3.30
10	80 x 0.40	4.40	1.91
16	126 x 0.40	5.40	1.21

INSULATED WIRE OR CABLE

Nominal insulation thickness mm	Outer diameter mm	Approx. linear weight kg/km
0.17	0.65	0.90
0.17	0.80	1.70
0.20	0.90	2.10
0.20	1.00	2.80
0.20	1.05	3.20
0.20	1.15	4.10
0.20	1.15	4.10
0.20	1.30	5.70
0.20	1.30	5.70
0.20	1.40	6.70
0.20	1.45	7.82
0.25	1.70	10.2
0.25	1.70	10.6
0.25	1.90	13.9
0.30	1.95	15.2
0.30	2.50	25.6
0.30	3.30	41.4
0.35	3.90	61.7
0.40	5.20	100
0.40	6.20	157