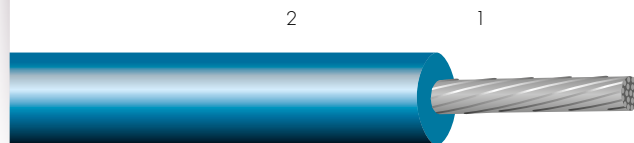


# PLASTHERM® E43

**-40°C to +150°C**



- 1 • Flexible tin-plated copper core (other metal in option) – according to IEC 60228.
- 2 • Special thermoplastic elastomer.

## Applications

- Industry: industrial wiring in hot atmospheres.
- Household electrical appliances: wiring of heated household appliances.
- Electronics: wiring of measuring devices and systems.

## Options

- Bare, nickel-plated or silver-plated copper core.
- Other nominal cross-sections: contact us.
  - Other nominal stranding: contact us.
  - Other colour of insulation: contact us.

## Characteristics

### General

- Continuous operating temperatures: -40°C to +150°C.
- Excellent resistance to abrasion.
- Good resistance to chemical aggression.
- Halogen free.

### Electrical

- Rated voltage: 600 V.
- Test voltage: 6000 V.

Nominal cross-section (mm <sup>2</sup> )	Nominal stranding	Nominal wall thickness of insulation (mm)	Nominal external diameter (mm)	Maximum linear resistance at 20 °C (Ω/km)
0.22	7×0.20	0.15	0.95	92.5
0.34	7×0.25	0.15	1.10	59.2
0.5	16×0.20	0.20	1.35	40.1
0.75	24×0.20	0.20	1.60	26.7
1	32×0.20	0.25	1.90	20.0
1.5	30×0.25	0.30	2.20	13.7
2.5	50×0.25	0.30	2.70	8.21

For this product, please contact:

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LES CABLES DE L'EXTREME

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

The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In some cases, for production purposes, a separating tape may be added between two successive layers. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force. For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.® Registered trademark of the OMERIN Group. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN.