

Grounding Wire Solutions

Reliable, Durable and Efficient Earthing Conductors

www.tpcaluminium.com



PRODUCT OVERVIEW

TPC Aluminium supplies high-performance grounding wires made from premium-grade aluminium alloys including EN AW-1370 (Al99,7), EN AW-6101 (AlMgSi0.5). These conductors are ideal for use in lightning protection, electrical safety systems, and grounding networks across industrial, commercial, and residential infrastructure projects.

STANDART DIMENSIONS

Width x thickness / Diameter	Packaging	Coils per Pallet	Total Weight per Pallet
Round, Ø 8 mm	20 kg coils	18 coils	> 360 kg
Round, Ø 10 mm	20 kg coils	16 coils	> 320 kg
Flat, 30 x 3 mm	22 kg coils	22 coils	> 480 kg

KEY FEATURES

- ✓ Excellent corrosion resistance and conductivity (EC Grade EN AW-1370 / EN AW-6101).
- ✓ Soft, twistable structure allows for fast and easy installation.
- ✓ Ideal for confined or complex routing environments.
- ✓ Complies with DIN EN 50164-2 / IEC 62561-2 standards.
- ✓ Long-term outdoor performance without degradation.
- ✓ Also available in custom sizes or conditions upon request.

APPLICATIONS

- Lightning protection systems
- Earthing/grounding grids
- Electrical panel and transformer grounding
- Industrial and civil construction projects
- Renewable energy infrastructure (solar/wind)