PRODUCT DATA SHEET

Earthing components

Foundation earthing

Lightning protection earthing

Lightning protection systems

Lightning Protection System (LPS) conductors

Code: 6401143-70

Description: 40x4mm hot dip galvanized steel tape conductor, code 6401143-70

Application

Hot dip galvanized steel (St/tZn) tape used as air termination conductor, down conductor and earth conductor.



Technical characteristics - Installation instructions

Width	40 mm
Thickness	4 mm
Cross sectional area	160 mm2
Core material	Steel (St)
Coating material	Zinc (Zn)
Zinc coating weight	>500 gr/m2
Type of coating method	Hot dip
Electrical resistivity	0,25 μΩm
Tensile strength	290 – 510 N/mm2
Installation	Above ground, buried in ground, embedded in concrete.

Can be connected above ground with	Al, Stainless Steel (SSt), St/tZn.
Can be connected buried in ground with	SSt (Stainless Steel), St/tZn.
Can be connected in concrete with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn.

Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC ?? 62561-2 “Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes”.
Test report No **30590** by accredited laboratory as per ISO 17025.

ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 18001

Country of Origin

Greece

Needed accessories

Clamps (e.g. 6204040), clamp-fastener for foundation earth electrodes (e.g 6201000), fasteners (e.g. 6103025).

Unit: meter / Package: 40 m approx. / 1,318 kg/m

We reserve the right to introduce changes in the component due to technical evolution.