



ENERGY

GROUND WIRE STRANDS

Along with the production of wires and strands for conductor cores, FGC offers a range of shield lines strands.

TECHNICAL FEATURES OF THE MATERIALS

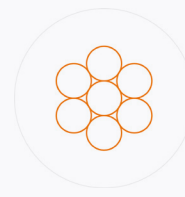
GALVANIZED STEEL STRANDS

Characteristics	Value
Diameters	from 8,00 to 12,50 mm
Tensile strength	> 135 daN/mm ²
Class and mass of coating	A > 230 g/m ²
Heavy galvanized coating	> 549 g/m ²
Theoretical unit weight	from 396 to 733 kg/km
MBL	from 5685 to 14450 daN
Theoretical electric resistance at 20°C	from 1,705 to 2,416 Ohm/km
Standards	CEI 7.2, EN50189, IEC, ASTM, BS
Certifications	TERNA, ENEL, RFI

ALUMINIUM CLAD STEEL STRANDS – ACS

Characteristics	Value
Diameters	from 9,00 to 14,50 mm
Theoretical unit weight	from 329 to 842 kg/km
MBL	from 5900 to 15240 daN
Theoretical electric resistance at 20°C	from 0,6821 to 1,714 Ohm/km
Standards	CEI 7.11
Certifications	TERNA, ENEL, RFI

CONSTRUCTIONS



1×7



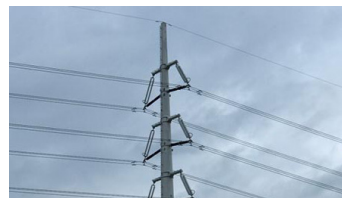
1×19

ZINC-5% ALUMINIUM MISCHMETAL ALLOY COATED STEEL STRANDS

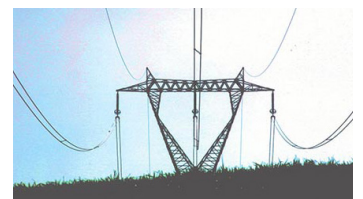
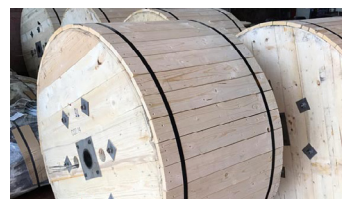
Characteristics	Value
Diameters	from 8,00 to 12,50 mm
Tensile strength	> 135 daN/mm ²
Class and mass of coating	A > 230 g/mm ²
Theoretical unit weight	from 396 to 733 kg/km
MBL	from 5685 to 14450 daN
Theoretical electric resistance at 20°C	from 1,705 to 2,416 Ohm/km
Standards	EN50540, ASTM B598-08

PACKAGING

STANDARD
Wooden reels from 1000 to 4000 m



SEAWORTHY PACKING
Treated and fumigated wooden reels FAO ISPM 15



The material is strictly controlled during every stage of manufacturing according to our Quality System in compliance with **EN ISO 9001**.

FERRIERE GIUSEPPE CIMA SRL

Via Belfiore 17, 23900 LECCO – ITALY | ✉ fgc@ferrierecima.it | ☎ +39.0341.364632 | www.ferrierecima.it