

ITA

STEEL WIRE

FOR ARMOURING CABLES AND ELECTRICAL CONDUCTORS

HIGH CARBON STEEL WIRE FOR ARMOURING CABLES AND ELECTRICAL CONDUCTORS

ITA S.p.A. covers an area of 75.000 m^2 in a strategic geographical position in the core of North Italy. Born from the ever-growing innovation spirit and the enterprise skills, Beri family's peculiarities, is a national and international benchmark for medium and high carbon steel wire since several years.

ITA S.p.A. stands out immediately for its "Total Quality" policy that represents the basis of the business strategy. Today ITA S.p.A. is one of the most dynamic realities in the field, with constant investments in research and development for the best customer satisfaction.

ITA S.p.A. supplies phosphated and galvanized hard drawn steel wire for cables armouring, ACSR, telecommunication, lifting ropes, people transport ropes, fishing ropes, off-shore applications, hoses armouring, transmissions and production of springs for automotive industry and for technical springs.

TECHNICAL DATA

Application

SUBMARINE CABLES ARMOURING

CONDUCTORS

TELECOMMUNICATIONS

Standards

EN 50189	Europe
DIN 48200	Germany
CEI 7-2	Italy
TERNA DC 3905	Italy
ASTM B498	U.S.A.
ASTM 363	U.S.A.
ASTM 475	U.S.A.

Other standards or technical specifications can be considered upon customer's request.

Diameter range

Galvanized wires	ø 1,40 - 6,00 mm

Coating & Surface Treatment

Final galvanized wires (after drawing)
Redrawn wires (after galvanization)
Standard coating or according to customer's specification

Zinc grad SHG 99,995%

All our products are certificated according to:

Quality System ISO 9001
Environmental Management System ISO 14001
European Directives, REACH and RoHS

Test Certificate

Real diameter	Zinc coating in g/m^2
Breaking load	Uniformity of zinc coating (preece test)
Unit breaking load	Zinc adhesion test
Load at 1 % elongation	Cast analysis
Elongation	Material traceability
Number of torsions	Customer's references

Other available tests:

Stress / elongation diagram

Micrography of metallurgical structure

All our products are certificated according to EN 10204 3.1

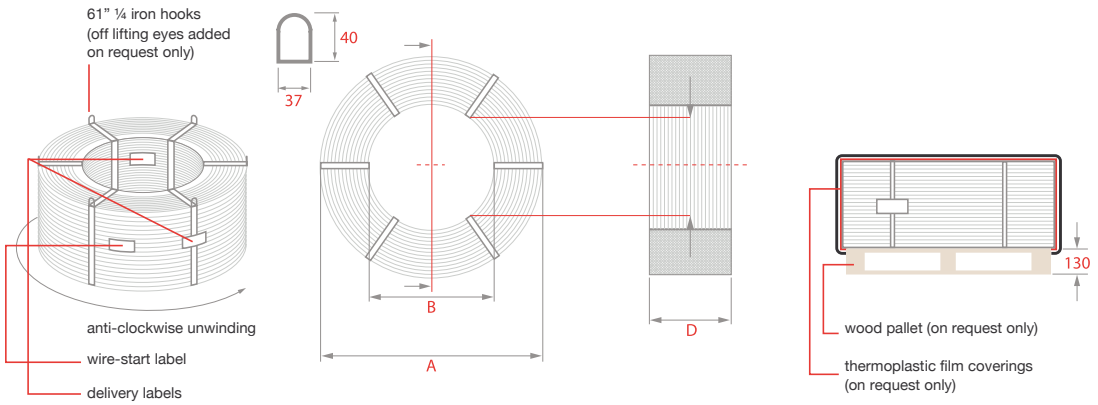
PACKAGING

Packaging

	FL1000L coils	T10 wooden drums
Galvanized wires	1,40 - 6,00	1,40 - 6,00

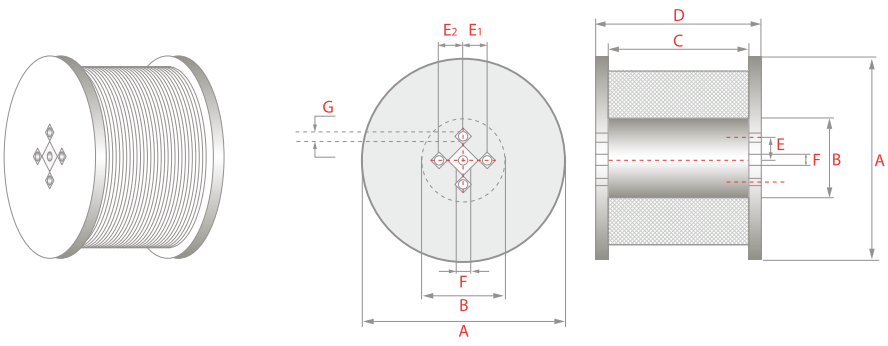
FL1000 Coils

Packaging	A mm	B mm	D mm	Peso/Weight Kg	Pallet mm
FL 1000	1000 max	510	400	1200 max	1100x1100

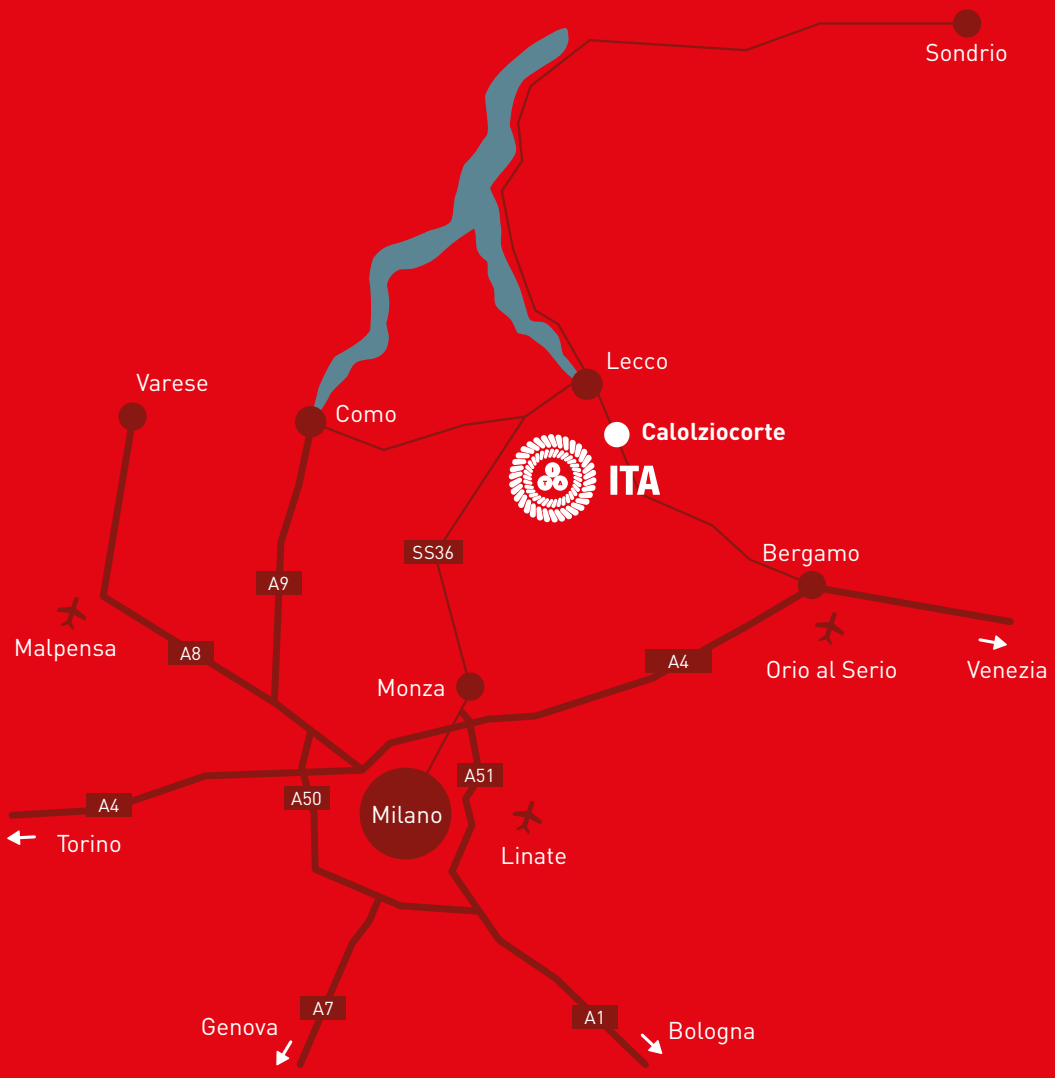


Wooden drums

Packaging	A mm	B mm	C mm	D mm	E_1 mm	E_2 mm	F mm	G mm	Peso/Weight Kg
T10	1000	500	580	740	160	250	82	50	1300 max



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