
**Steel wire and wire products for fences —
Zinc- and zinc-alloy-coated steel barbed
wire**

*Fils et produits tréfilés en acier pour clôtures — Ronces en acier revêtu
de zinc ou d'alliages de zinc*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 7900 was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 17, *Steel wire rod and wire products*.

This second edition cancels and replaces the first edition (ISO 7900:1988), which has been technically revised.

Steel wire and wire products for fences — Zinc- and zinc-alloy-coated steel barbed wire

1 Scope

This International Standard specifies the characteristics of zinc- and zinc-alloy-coated steel barbed wire, with conventional and reverse twist consisting of two stranded line wires, around which the barbs are tightly wound, a twist being imparted between the barbs to restrict their movement. The barbed-wire entanglement has a single line wire, around which the barbs are wound.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 404, *Steel and steel products — General technical delivery requirements*

ISO 6892, *Metallic materials — Tensile testing at ambient temperature*

ISO 7989-1, *Steel wire and wire products — Non-ferrous metallic coatings on steel wire — Part 1: General principles*

ISO 7989-2, *Steel wire and wire products — Non-ferrous metallic coatings on steel wire — Part 2: Zinc or zinc-alloy coating*

ISO 8458-1, *Steel wire for mechanical springs — Part 1: General requirements*

ISO 10474, *Steel and steel products — Inspection documents*

3 Information to be supplied by the purchaser

The following information shall be supplied by the purchaser at the time of inquiry or order:

- a) the number of this International Standard;
- b) quantity;
- c) type of barbed wire;
- d) coating type;
- e) barb spacing;
- f) length on reels;
- g) in the case of barbed-wire entanglement (BWE), the type of finish;
- h) whether the uniformity of coating is to be measured;
- i) inspection documentation requirements;
- j) agreed quality characteristics for testing (see Clause 6).