

MATERIAL TECHNICAL SPECIFICATION

GALVANIZED STEEL STRIPES

GALVANIZING Z 140

OBJECT:

Technical specification for cold-rolled unalloyed steel strip, UNI 5753 hot-dip galvanized, for armor of telephone and power cables.

PURPOSE:

Description of the supply requirements, characteristics, tests and quality certifications to which the material must satisfy.

REFERENCES AND ATTACHEMENTS:

UNI 5753/84; UNI 4842-75; UNI 5547-65

- CEI 20-13 May 99; CEI 20-1 June 85.
- SIP 1240 May 89 and 04.27.90 variant
- Supplier specifications

FEATURES:

- THICKNESS (*)	MM 0.20 / 0.30 / 0.50 / 0.80
- VARIATION THICKNESS (THICKNESS 0.20)	MM \pm 0.02
- VARIATION THICKNESS (THICKNESS 0.30)	MM \pm 0.03
- VARIATION THICKNESS (THICKNESS 0.50)	MM \pm 0.04
- VARIATION THICKNESS (THICKNESS 0.80)	MM \pm 0.06
- WIDTH (*)	MM 15/20/25/30/35/40/45/50/60
- WIDTH VARIATION	MM \pm 0.5
- BREAKING LOAD	N / MM ² 300: 420 (UNI5547)
- ELONGATION AT BREAK (LO = 200 MM)	% S 15 (UNI5547)
- BENDING TEST	NO CRACK (UNI5753)
- ZINC PLATING TYPE	Z 140 (UNI5753)
- MINIMUM MASS OF ZINC	G / M ² S 120 (UNI5753)
- AVERAGE ZINC MASS (ON 3 SAMPLES)	G / M ² S 140 (UNI5753)

- PREECE ZINC UNIFORMITY, IMMERSIONS (NOT APPLICABLE FOR EDGES) N ° S 2X1 'CEI 7-6
 - ADHESION TO THE ZINC LAYER NO DETACHMENT OF ZN (UNI5753)
- (*) MEASURE TO BE SPECIFIED IN THE ORDER

OMOLOGAZIONE:

The material is approved on the basis of tests on samples and / or historical supply reports.

SUPPLIER DOCUMENTATION:

At the same time as the approval, the material purchase documentation is defined consisting of:

- *Supply specification (annex 1)*

Document from the supplier describing the product covered by the specification. It must necessarily indicate:

Name of the manufacturer

Document title (supply or sales specification)

Description of the material

Plant / Production sites

Chemical, physical and technological characteristics

Test methods

Packaging description

- *Certificate of quality (annex 2)*

Document which, once agreed, must accompany the material.

- *Safety data sheet (annex 3)*

Material safety data sheet in the state of supply drawn up in compliance with Ministerial Decree 28/01/92.

The supplier must report, in advance, any changes in the characteristics of the material.

PACKAGING:

The stripe must be wound in well-tied and compact rolls with a perfectly circular central hole. The end of the tape must be marked 20 m from the end of the roll with red paint. The rolls must be stacked on platforms, spaced from each other with wooden strips. Welding is not allowed.

Roll dimensions and winding direction

THICKNESS (*)	mm	S 0.20	
INTERNAL DIAMETER (**)	mm	125	
OUTER DIAMETER (*)	mm	500	750
MAXIMUM GROSS WEIGHT OF THE PALLET	Kg	1450	1000
WINDING SENSE	-	counterclockwise	

(*) as specified in the order

(**) The inner core must be perfectly circular, without any deformation

QUALITY CERTIFICATION:

For each delivery, the supplier undertakes to send the quality certification documents together with the shipping documents, or to send them in advance to the Quality Service of the recipient site.

It is understood that, since the characteristics must respond to well specified tolerances, it is necessary that the measuring instruments are in a correct and suitable state of calibration.

ACCEPTANCE:

The material that does not comply with this specification is contested to the Supplier with a "Non-Conformity Report".

The Supplier undertakes to give feedback on the cause of the Non-Conformity and to ensure the removal of the anomaly.

INSPECTIVE CHECKS:

The Supplier must guarantee to representatives of the Companies, to representatives of the Clients of the same or to any Control Bodies, the possibility of accessing its offices, plants and laboratories for the execution of inspections, in times and methods to be agreed.