

ELECTROWELDED MESH

Support for your work.
A true fact.



VIGA
TREFILADOS

VILLACERO | ALAMBRES

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DESCRIPCIÓN

Electro-welded mesh is manufactured with cold rolled wire, corrugated and electro-welded, using the most advanced technology as well as international quality wire rod as raw material, which is cold rolled, acquiring a high tension resistance. It's made with longitudinal wires of equal gauge welded to each other forming grids of sizes that easily adapt to diverse needs.

PRESENTATION:

- Sheets: 2.5m x 6m (15m²).
- Rolls: 2.5m x 40m (100m²).
- 6" x 6" grid in 10, 8, 6, 4 and 3 gauges.

NORMS:

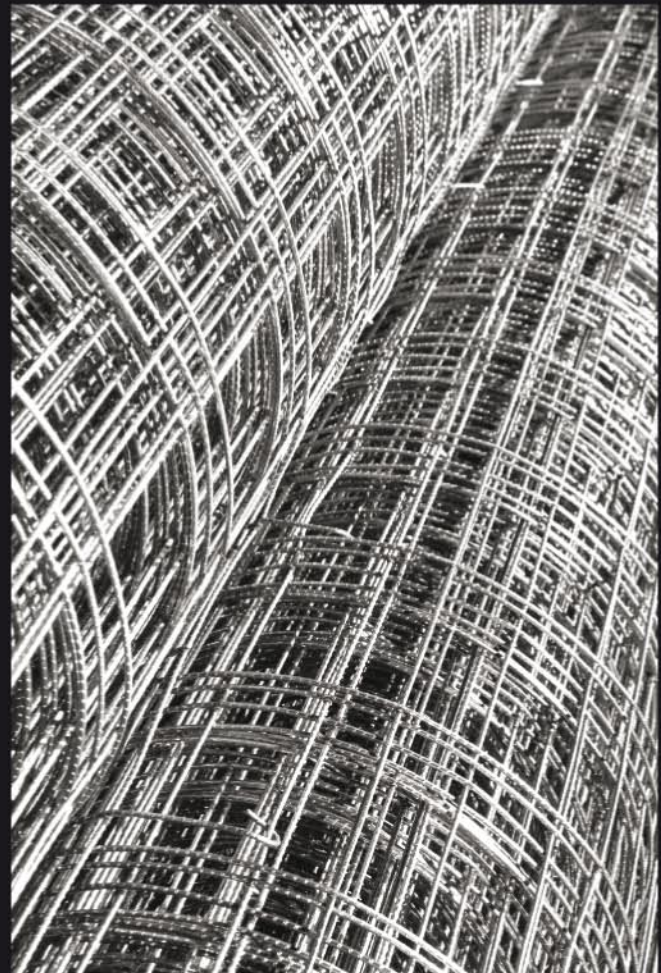
Excellent compliance with quality norms NOM-B-253, NOM-B-290, ASTM-A-185, ASTM-A-496.

MECHANICAL PROPERTIES:

- Tension resistance: 57 kgf/mm²
- Fluency limit: 50 kgf/mm² minimum.
- Elongation: (ductility): elongation at rupture in 10 diameters: Minimum 6%
- Reduction of area: 30% minimum.

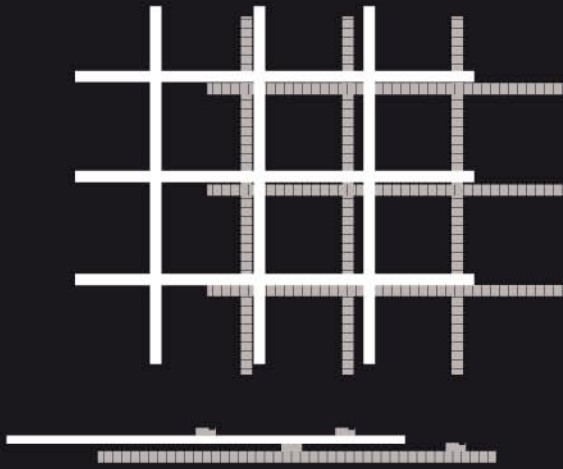
APPLICATIONS

- Floors
- Walls
- Slabs
- Mezzanines
- Streets
- Vaults
- Sidewalks and rigid pavements
- Channels and tunnels

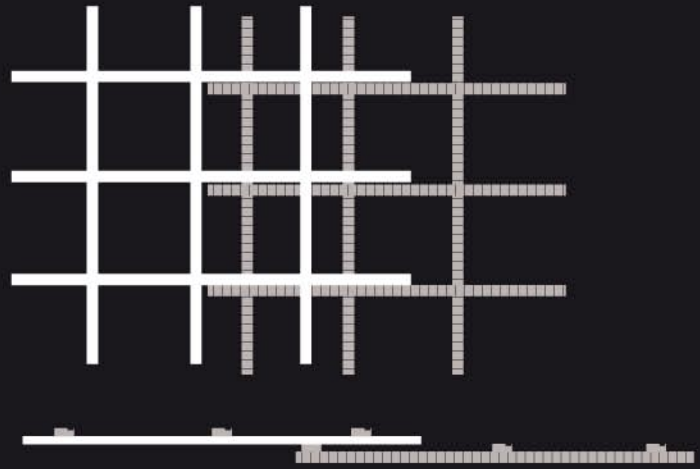


Realization of overlaps:

Overlaps should be realized in accordance to the NTC indications, Paragraph 3.9.2 D.D.G. and as shown below



Overlaps in places where steel is worked at more than half of its allowable stress.



Overlaps in places where steel is worked at less than half of its allowable stress.

SPECIFICATIONS

PRODUCT	WIRE DIAMETER (mm)	WIRE AREA (mm ²)	WIRE WEIGHT (Kg./m)	STEEL AREA (cm ² /m)	WEIGHT PER M2 (Kg)	WEIGHT PER ROLL (Kg)	WEIGHT PER SHEET (Kg)	PRESENTATION	DIMENSIONS (m)
1R-6x6 - 10/10	3.43	9.25	0.0725	0.606	0.97	97		100 m ²	2.5 x 40
R-6x6 - 08/08	4.11	13.28	0.1041	0.871	1.41	141		100 m ²	2.5 x 40
R-6x6 - 06/06	4.88	18.72	0.1467	1.227	1.97	197		100 m ²	2.5 x 40
R-6x6 - 04/04	5.72	25.72	0.2015	1.686	2.71	271		100 m ²	2.5 x 40
H-6x6 - 10/10	3.43	9.25	0.0725	0.606	0.97		14.55	15 m ²	2.5 x 6
H-6x6 - 08/08	4.11	13.28	0.1041	0.871	1.41		21.15	15 m ²	2.5 x 6
H-6x6 - 06x06	4.88	18.72	0.1467	1.227	1.97		29.55	15 m ²	2.5 x 6
H-6x6 - 04x04	5.72	25.72	0.2015	1.686	2.71		40.65	15 m ²	2.5 x 6
H-6x6 - 03x03	6.19	30.12	0.2360	1.975	3.19		47.85	15 m ²	2.5 x 6
H-6x6 - 02x02	6.67	34.97	0.2741	2.2933	3.68		55.2	15 m ²	2.5 x 6



SALES REPRESENTATIVES
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