

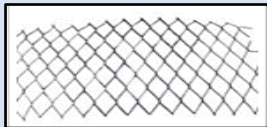
PRODUCT DESCRIPTION

Tecnomesh is a mesh ribbon MMO anode. They are manufactured from ASTM B265 Grade 1 compliant titanium substrate and coated with mixed metal oxide (Ir / Ta). It is a key component for Cathodic Protection systems in reinforced concrete structures, it has been tested by CC Technologies / DNV, under the NACE TM0294 standard, passing all the specifications.

CHEMICAL COMPOSITION

ASTM B265 GRADE 1 ALLOY	
<i>C%</i>	0.08 max.
<i>Fe%</i>	0.20 max.
<i>N%</i>	0.03 max.
<i>O%</i>	0.18 max.
<i>H%</i>	0.015 max.
<i>Others (Individual)</i>	0.10 max.
<i>Others (Total)</i>	0.40 max.
<i>Ti</i>	Balance.

CHARACTERISTICS

MESH ANODE CHARACTERISTICS	
Application	Sand and concrete
Shape	
Substrate	ASTM B265 Grade 1 Titanium
Coating	IrO ₂ /Ta ₂ O ₅
Coating method	Multi-step thermal decomposition technique of precious metal salts.

AVAILABLE DIMENSIONS

TPYE	WIDTH	LENGTH <i>meters</i>	EXPANDED THICKNESS <i>mm</i>	OPENING DIMENSIONS <i>mm</i>	CURRENT OUTPUT <i>110mA/m²</i>	LIFE TIME <i>Years</i>
1	10.0 mm	76	1.3	2.5 x 4.6	2.8 mA/m	100
2	12.7 mm	76	1.3	2.5 x 4.6	3.5 mA/m	100
3	19.0 mm	76	1.3	2.5 x 4.6	5.3 mA/m	100
4	25.0 mm	76	1.3	2.5 x 4.6	7.0 mA/m	100
5	1.22 m	76	2.0	34 x 76	25.0 mA/m	100

ADDITIONAL CHARACTERISTICS

- The packaging is presented in open reels inside wooden boxes or pallets.
- All dimensions shown are nominal.

WARRANTY AND LIMITATION OF LIABILITY

TECNOLOGIA TOTAL will not be in any case responsible for damages of any nature that could be derived from an inadequate use of the product. Before using the product, the user must determine if the product is suitable for its intended use, taking all risks and liability that could be derived from its use.

If it's proved that a product is faulty due to manufacturing or its material at the time of sale, or that it does not fulfill during its warranty period the indicated properties in this technical sheet, the only responsibility of TECNOLOGIA TOTAL will consist of replacing the buyer with the quantity of product that is found to be defective. TECNOLOGIA TOTAL does not take any responsibility for any additional cost such as manufacturing cost, withdrawal or re-application of the products. If TECNOLOGIA TOTAL offers a warranty to their clients, express or implicit, or a compensation that differs from the established in this section, this stipulation can not be altered unless a signed agreement by the parties.

