

### 1. DESCRIPTION.

Processed electrowelded mesh made from hot rolled steel wire type B450A or hot rolled steel wire type B450C according to D.M. 17/01/2018.

### 2. CHEMICAL COMPOSITION.

	Limit	C %	P %	S %	N %	Cu %	Mn %	Ceq %
PITTINI	Max	0.22	0.050	0.050	0.012	0,80	/	0.50

Note: It is permitted a maximum value of C = 0.25% if the maximum value of Ceq ≤ 0.48%

### 3. MECHANICAL PROPERTIES AND DIMENSIONAL TOLLERANCES.

Steel Grade	Ø [mm]	Weight Tol. [%]	Re min [MPa]	Rm min [MPa]	Rm/Re min	Rm/Re max	Re/Re nom	Agt min [%]	Rt min [%]
B450A	5 ÷ 10	± 6*	450	540	1.05	/	1.25	2.5	25
B450C	8 ÷ 26	± 4.5*	450	540	1.15	1.35	1.25	7.5	25

#### NOTE:

\* for  $\phi \leq 8$  the deviation is  $\pm 6\%$ .

Tested after artificial ageing according to D.M. 17/01/2018.

Tolerances: according to UNI EN 10080:2005.

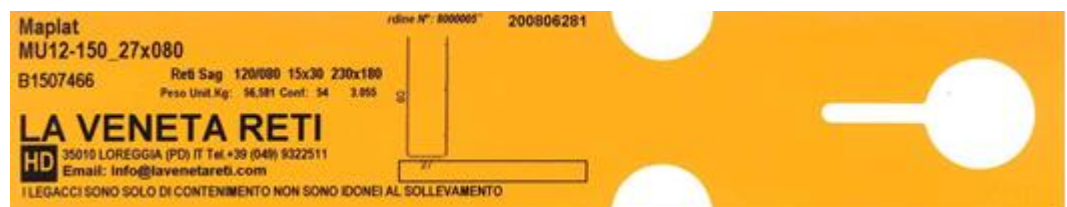
### 4. PACKING.

In beam tied with wire rods diameter from 5.5 mm.

### 5. STANDARD IDENTIFICATION.

Each beam is identified with a label giving:

- MANUFACTURER
- REFERENCE LEGISLATION
- CLIENT
- ORDER NUMBER
- BATCH CODE NUMBER
- TYPE OF PRODUCT
- DIMENSIONAL FEATURES
- PRODUCT WEIGHT
- DATE OF PRODUCTION



### 6. STANDARD CERTIFICATION.

Copy of qualification issued by the Central Technical Services.

Certificate of quality according to UNI EN 10204:2005.

### 7. APPROVALS

Ministry of Infrastructure and Transport.