

### 1. DESCRIPTION.

Weldable hot rolled and stretched steel wire in coils for reinforcing of concrete according to ELOT 1421 B500C.

### 2. HEAT CHEMICAL COMPOSITION

	Limits	C %	P %	S %	Cu %	N %	Ceq %
PITTINI	max	0.22	0.050	0.050	0.80	0.012	0.50
ELOT	max	0.22	0.050	0.050	0.80	0.012	0.50

Note: C max 0.25% is permitted, provided that Ceq max is 0.48%.

### 3. MECHANICAL PROPERTIES AND DIMENSION TOLLERANCES.

Standard	Steel grade	Diameter Range mm	Weight Toll. %	Re min N/mm <sup>2</sup>	Re max N/mm <sup>2</sup>	Rm/Re min	Rm/Re Max	Agt min %	Bend $\alpha, \beta, k$
PITTINI	B500C	8 ÷ 12	±4,5	550	625	1,15	1,35	7,5	90°, 20°, 5
ELOT	B500C	6 ÷ 16	±4,5	550C	625C	1,15C	1,35C	7,5C	90°, 20°, 5

NOTE: test on sample straight by machine and aged 100°C/1h.

### 4. STANDARD PACKAGING.

Coils of 2.5 t, height = 700 mm, internal diameter = 700 mm, tied with 4 strips.

### 5. STANDARD IDENTIFICATION.

Each coil must be followed by label reporting:

FERRIERE NORD S.p.A.  
I - 33010 OSOPPO (UD) ITALIA  
LOGO ELOT  
ELOT 1421 B500C  
HEAT N°  
DIAMETER mm

### 6. STANDARD CERTIFICATION.

On demand test certificate according to EN 10204.

### 7. APPROVALS

ELOT

### 8. IDENTIFICATION MARK

Mark 1-7

