

1. DESCRIPTION

Weldable hot rolled and cold stretched ribbed steel wire in coils for concrete reinforcement, steel grade S400W, according to SI 4466 part 3, named JUMBO STRETCHED.

2. CHEMICAL COMPOSITION OF PRODUCT

| | Limits | C % | P % | S % | P+S % | Si % | Mn % | Ceq % |
|---------|--------|------|-------|-------|-------|------|------|-------|
| SI 4466 | max | 0.24 | 0.050 | 0.050 | 0.080 | 0.55 | 1.80 | 0.55 |

3. MECHANICAL PROPERTIES AND DIMENSION TOLERANCES

| Standard | Steel grade | Diameter range mm | Weight tol. % | Yield S. fy N/mm ² | ft/fy min | Agt min % | A10 min % | Bend test |
|----------|-------------|-------------------|---------------|-------------------------------|-----------|-----------|-----------|-----------|
| SI 4466 | S400W | 8 | Note | 400-520 | 1.25 | 8 | 12 | note |

NOTE:

- Test on sample straight by laboratory machine (no artificial ageing);
- Maximum permissible deviations from nominal of the actual average weight per unit length: +4.5/-2.5% for 8-10mm; single bar +6/-4%;
- Bend test: D mandrel = 3d for $\varnothing \leq 16\text{mm}$; bend angle α between 160° and 180°;
- Rebend test: D mandrel = 5d for $\varnothing \leq 16\text{mm}$; bend angle $\alpha = 90^\circ$ and bend back angle $\beta = 20^\circ$ after ageing 100°C/30'.

4. STANDARD PACKAGING

Coils of std weight 2.4 t and 4.8 t. Height = 700 - 900 mm, internal diameter = 700 mm. Tied with 4 metallic strips.

5. STANDARD IDENTIFICATION

Each coil with diameter painted on the surface and label reporting:

PITTINI
JUMBO STRETCHED
DATE OF PRODUCTION
HEAT N°
DIAMETER MM
REFERENCE STANDARDS
PRODUCT CERTIFICATION LOGOS

6. STANDARD CERTIFICATION

On demand Certificate 3.1 according to EN 10204.

7. APPROVALS

SII (Israel).

8. IDENTIFICATION MARK

Mark 4-7 =

