

### 1. DESCRIPTION

Weldable cold rolled ribbed steel wire in coils for concrete reinforcement for Austria market according to ÖNORM B4707 class B550A named PIT-RIP 55.

### 2. HEAT CHEMICAL COMPOSITION

	Limits	C %	P %	S %	Cu %	N %	Ceq %
ÖN 4707	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 Tol. %	Re min N/mm <sup>2</sup>	Rm/Re min	Agt min %	Bend $\alpha, k$
PITTINI	B550A	6 – 8 – 10 – 12	note	550C	1.05C	2,5C	180, 3
ÖN 4707	B550A	≥ 3	note	550C	1.05C	2,5C	180, 3

#### NOTES:


- c characteristic values
- test after artificial ageing 100°/1h.
- Weight tolerance: for  $\varnothing \leq 8\text{mm}$  +/-6%; for  $\varnothing > 8\text{mm}$  +/- 4.5 %
- bend test: 180° e k=3
- For diameters from 6 up to 12mm: min value Re 533 MPa; min value Rm/Re 1.03; min value Agt 2.0%.
- Projected rib area  $l_{r>0.040}$  for 6mm;  $l_{r>0.046}$  for 8-10-12mm

### 4. STANDARD PACKAGING

In coils of about 2.35 t, height = 630 mm,  $\varnothing_{\text{int}} = 630$  mm,  $\varnothing_{\text{ext max}} = 1100$  mm. Tied with four double bindings.

### 5. STANDARD IDENTIFICATION

Each coil is identified by a label reporting:

<p>ACCIAIERIE DI VERONA S.p.A.</p> <p>HEAT NUMBER PIT RIP 55 DIAMETER mm Rif. ÖNORM B 4707 B550A</p>	
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### 6. STANDARD CERTIFICATION

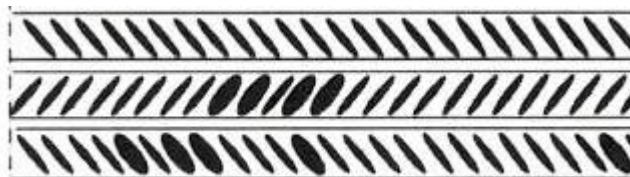
On demand certificate according to EN 10204.

### 7. APPROVALS

Baucert Steiermark

### 8. IDENTIFICATION MARK

Mark 41



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