

TECHNICAL SPECIFICATION: MESH AUSTRIA



Description of the product

Welded mesh for structural use made from class B550A welding steel.
Produced in standard formats.

Range of dimensions – Packaging

WELDED MESH ACCORDING TO ÖNORM B 4707														
Type	Wire Ø mm		Mesh mm		Sheet mm		Wire projection mm		Sheets per pack	Sheet weight Kg	No. of wires per sheet		Wire weight per sheet kg	
	Long.	Transv.	Long.	Transv.	Width	Length	Long.	Transv.			Long.	Transv.	Long.	Transv.
AQ 46	4.6	4.6	100	100	2400	6000	50	50	50	37.57	24	60	18.79	18.79
AQ 50	5	5	100	100	2400	6000	50	50	50	44.35	24	60	22.19	22.19
AQ 55	5.5	5.5	100	100	2400	6000	50	50	50	53.86	24	60	26.86	26.86
AQ 60	6	6	100	100	2400	6000	50	50	25	63.94	24	60	31.96	31.96
AQ 65	6.5	6.5	100	100	2400	6000	50	50	25	74.88	24	60	37.44	37.44
AQ 70	7	7	100	100	2400	6000	50	50	25	86.98	24	60	43.49	43.49
AQ 76	7.6	7.6	100	100	2400	6000	50	50	25	102.53	24	60	51.26	51.26
AQ 82	8.2	8.2	100	100	2400	6000	50	50	20	119.52	24	60	59.76	59.76
AQ 90	9	9	100	100	2400	6000	50	50	15	143.71	24	60	71.85	71.85
AQ 100	10	10	100	100	2400	6000	50	50	10	177.70	24	60	88.85	88.85
A 70	7	5.5	100	300	2400	6000	150	50	25	52.46	24	20	43.49	8.95
A 82	8.2	6.5	100	300	2400	6000	150	50	25	72.24	24	20	59.69	12.50

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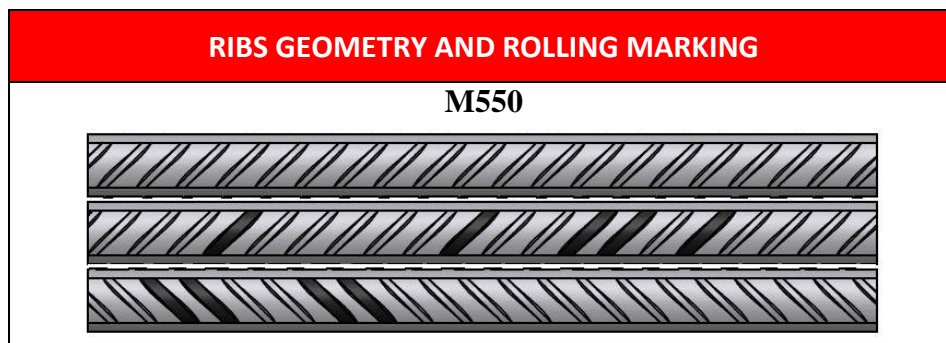
Labelling

Each pack is identified with a metal or paper plastic label containing the following information:

- Company logo
- Lot number
- Diameter
- Steel grade
- Production date
- Standards references
- Certification logos
- QR Code

Certifications

Each delivery is accompanied by the certificate 3.1 (standard UNI EN 10204)



CONFORMITY TO STANDARDS

Country	Standard	Grade	Certifications
AUSTRIA	ONORM 42000/7	B 550 A	✓

CHEMICAL COMPOSITION

C % max	P % max	S % max	Cu % max	N % max	Ceq. Max
0.22	0.050	0.050	0.80	0.012	0.50
(0.24)	(0.055)	(0.055)	(0.85)	(0.014)	(0.52)

The figures in brackets refer to product analysis

MECHANICAL PROPERTIES

Standard	Grade	Re N/mm ²	Rm N/mm ²	Rm/Re	Rm/Re nom.	Agt %
ONORM 42000/7	B 550 A	≥ 550	≥ 620	≥ 1.05		≥ 2.5