

## TECHNICAL SPECIFICATION: MESH FRANCE



### Description of the product

**Welded mesh for structural use made from high-ductility hot-rolled welding steel class B500B. Suitable for use in seismic areas. Crack-proof welded mesh made of B500A steel. Produced in standard formats.**

### Range of dimensions – Packaging

WELDED MESH ACCORDING TO NFA 35080-2 / NFA 35-024*													
Type		Cross-section		Mesh	Diameter	Wire projection	No. wires	Dimensions	Nominal mass	Surface area per sheet	Weight per sheet	Sheets per pack	Pack weight
		cm <sup>2</sup> /m	cm <sup>2</sup> /m										
PAF C*	long.	0,80	0,80	200	4,5	100/100	12	3,60	1,250	8,64	10,80	100	1080
	transv.		0,80	200	4,5	100/100	18	2,40					
PAF 10	long.	1,19	1,19	200	5,5	100/100	12	4,20	1,870	10,08	18,85	70	1319
	transv.		1,19	200	5,5	100/100	21	2,40					
ST 20	long.	1,89	1,89	150	6	150/150	16	6,00	2,487	14,40	35,81	40	1432
	transv.		1,28	300	7	75/75	20	2,40					
ST 25	long.	2,57	2,57	150	7	150/150	16	6,00	3,020	14,40	43,49	40	1740
	transv.		1,28	300	7	75/75	20	2,40					
ST 35	long.	3,85	3,85	100	7	150/150	24	6,00	4,026	14,40	57,98	30	1739
	transv.		1,28	300	7	50/50	20	2,40					
ST 50	long.	5,03	5,03	100	8	150/150	24	6,00	5,267	14,40	75,84	20	1517
	transv.		1,68	300	8	50/50	20	2,40					
ST 60	long.	6,36	6,36	100	9	125/125	24	6,00	6,986	14,40	100,60	16	1610
	transv.		2,54	250	9	50/50	24	2,40					
ST 15 C	long.	1,42	1,42	200	6	100/100	12	4,00	2,220	9,60	21,31	70	1492
	transv.		1,42	200	6	100/100	20	2,40					
ST 25 C	long.	2,57	2,57	150	7	75/75	16	6,00	4,026	14,40	57,98	30	1739
	transv.		2,57	150	7	75/75	40	2,40					
ST 25 CS	long.	2,57	2,57	150	7	75/75	16	3,00	4,026	7,20	28,99	40	1160
	transv.		2,57	150	7	75/75	20	2,40					
ST 40 C	long.	3,85	3,85	100	7	50/50	24	6,00	6,04	14,40	86,98	20	1740
	transv.		3,85	100	7	50/50	60	2,40					
ST 50 C	long.	5,03	5,03	100	8	50/50	24	6,00	7,900	14,40	113,76	15	1706
	transv.		5,03	100	8	50/50	60	2,40					
ST 65 C	long.	6,36	6,36	100	9	50/50	24	6,00	9,980	14,40	143,71	10	1437
	transv.		6,36	100	9	50/50	60	2,40					

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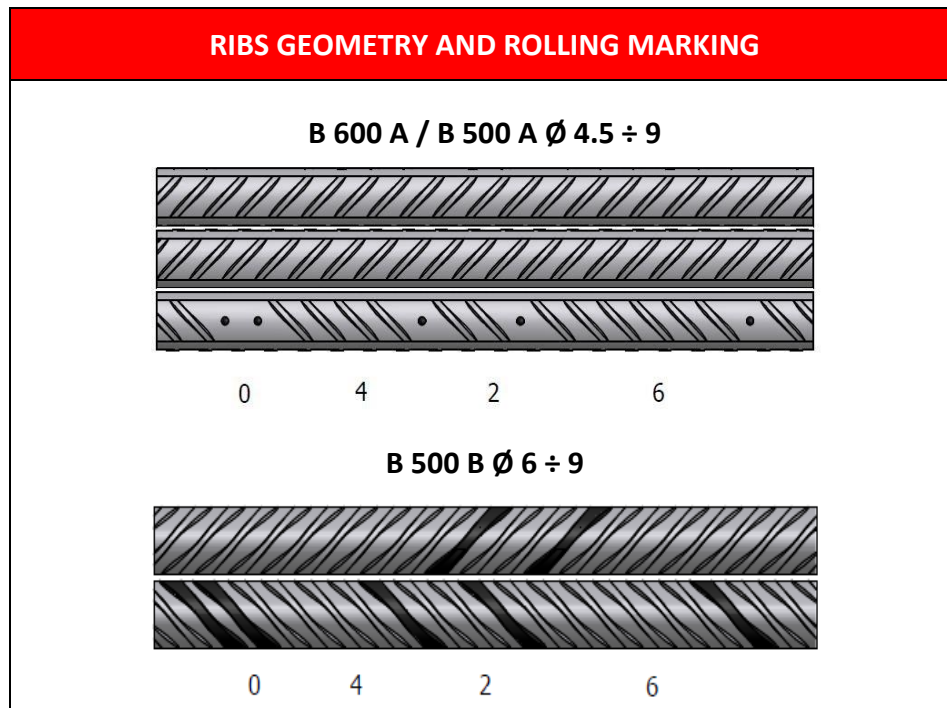
### Labelling

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
FRANCE	NF A 35-080-2	<b>B 500 B</b>	✓
FRANCE	NF A 35-080-2	<b>B 500 A</b>	✓
FRANCE	NF A 35-024	<b>B 600 A</b>	✓

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CHEMICAL COMPOSITION					
<i>C % max</i>	<i>P % max</i>	<i>S % max</i>	<i>Cu % max</i>	<i>N % max</i>	<i>Ceq. Max</i>
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						
<i>Standard</i>	<i>Grade</i>	<i>Re N/mm<sup>2</sup></i>	<i>Rm N/mm<sup>2</sup></i>	<i>Rm/Re</i>	<i>Rm/Re nom.</i>	<i>Agt %</i>
NFA 35-080/2	B 500 B	≥ 500		≥ 1.08	≤ 1.30	≥ 5.0
NFA 35-080/2	B 500 A	≥ 500		≥ 1.05	≤ 1.30	≥ 2.5
NFA 35-024*	B 600 A	≥ 600				