



Welded mesh

Sales office:

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B500A - B500B - B600A Gamme ADETS

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MECHANICAL CHARACTERISTICS OF WIRE ROD FOR WELDED MESH

Country	Standard/ Speification	Grade	Diam.	R _{e, nom} (MPa) min		R _{m, nom} (MPa)		A _{gt} (%)		R _{e, nom} (MPa) max	
				Val char.	Val min.	Val char.	Val min.	Val char.	Val min.	Val char.	Val min.
France	NF A 35-080-2	B500A	5.5 to 9 mm	500	-	1.05	1.03	2.5	2.0	-	-
France	NF A 35-024	B600A	4.5 mm	600	575	-	-	-	-	750	775
France	NF A 35-080-2	B500B	6 to 9 mm	500	-	1.08	1.06	5	4.0	-	-

R_{e, nom} Yield strength determined using nominal steel cross-section
R_{m, nom} Tensile strength determined using nominal steel cross-section
A_{gt} Total percent elongation under maximum force

The characteristics of wire rod for surface welded mesh are specified in the NF A 35-024 standard for 4.5 mm diameter, and in the NFA 35-080-2 standard for 5.5 mm diameter.

The characteristics of wire rod for structural welded mesh are specified in the NF A 35-080-2 standard for 6 to 9 mm diameters.

MARKING

SAM Neuves-Maisons	SAM Montereau	ACOR Vauvert	ACOR St Just	ACOR Creil
0-354	0-32	0-331	0-342	0-36



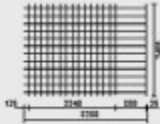
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STANDARD WELDED MESH IN STOCK - ADETS RANGE STRUCTURAL WELDED MESH (NF A 35-080-2)

Designation	Sections	Mesh	Diam.	Ends		Number of wire rods	Length Width	Nominal mass	Surface	Unit mass	Packing
	(cm ² /ml)	(mm)	(mm)	(mm)			(m)	(kg/m ²)	(m ²)	(kg)	
	S	E	D	AV	AR	N	L				
	s	e	d	ad	ag	n	l				
ST 20 ®	1.89 1.28	150 300	6 7	150 75	150 75	16 20	6.00 2.40	2.487	14.40	35.81	40
ST 25 ®	2.57 1.28	150 300	7 7	150 75	150 75	16 20	6.00 2.40	3.020	14.40	43.49	40
ST 35 ®	3.85 1.28	100 300	7 7	150 50	150 50	24 20	6.00 2.40	4.026	14.40	57.98	30
ST 50 ®	5.03 1.68	100 300	8 8	150 50	150 50	24 20	6.00 2.40	5.267	14.40	75.84	20
ST 60 ®	6,36 2,54	100 250	9 9	125 50	125 50	24 24	6,00 2,40	6,986	14,40	100,60	16
ST 15 C ®	1.42 1.42	200 200	6 6	100 100	100 100	12 20	4.00 2.40	2.220	9.60	21.31	70
ST 25 C ®	2.57 2.57	150 150	7 7	75 75	75 75	16 40	6.00 2.40	4.026	14.40	57.98	30
ST 25 CS ®	2.57 2.57	150 150	7 7	75 75	75 75	16 20	3.00 2.40	4.026	7.20	28.99	40
ST 40 C ®	3.85 3.85	100 100	7 7	50 50	50 50	24 60	6.00 2.40	6.040	14.40	86.98	20
ST 50 C ®	5.03 5.03	100 100	8 8	50 50	50 50	24 60	6.00 2.40	7.900	14.40	113.76	15
ST 65 C ®	6.36 6.36	100 100	9 9	50 50	50 50	24 60	6.00 2.40	9.980	14.40	143.71	10

STANDARD WELDED MESH IN STOCK - ADETS RANGE SURFACE WELDED MESH (NF A 35-024)

Designation	Sections	Mesh	Diam.	Ends		Number of wire rods	Length Width	Nominal mass	Surface	Unit mass	Packing
	(cm ² /ml)	(mm)	(mm)	(mm)			(m)	(kg/m ²)	(m ²)	(kg)	
	S	E	D	AV	AR	N	L				
	s	e	d	ad	ag	n	l				
PAF R®	0.80	200	4.5	150	150	12	3.60	1.042	8.64	9.00	100
	0.53	300	4.5	100	100	12	2.40				
PAF C®	0.80	200	4.5	100	100	12	3.60	1.250	8.64	10.80	100
	0.80	200	4.5	100	100	18	2.40				
PAF V®	0.80	200	4.5	135	25	12		7.68	9.60	100	
	0.99	160	4.5	100	100	16					

STANDARD WELDED MESH IN STOCK - ADETS RANGE SURFACE WELDED MESH (NF A 35-080-2)

Designation	Sections	Mesh	Diam.	Ends		Number of wire rods	Length Width	Nominal mass	Surface	Unit mass	Packing
	(cm ² /ml)	(mm)	(mm)	(mm)			(m)	(kg/m ²)	(m ²)	(kg)	
	S	E	D	AV	AR	N	L				
	s	e	d	ad	ag	n	l				
PAF 10®	1.19	200	5.5	100	100	12	4.20	1.870	11.52	21.54	70
	1.19	200	5.5	100	100	12	2.40				

ADDITIONAL INFORMATION

In our objective of circular economy and in accordance with the regulations, we ask our customers to inform the end users as well as the companies in charge of the demolition of structures, buildings and edifices, on the importance of waste sorting and more precisely that of the reinforcements present in the concrete. This shared vigilance contributes to the preservation of the environment as well as the reduction of carbon footprints linked to the extraction of raw materials that can be avoided by recycling and reuse.



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CERTIFICATION

QUALITY / SAFETY / ENVIRONMENT	<p>ACOR Creil: Certificat Système Qualité AFAQ / AFNOR ISO 9001, ISO 14001, BS OHSAS 18001</p> <p>ACOR Saint-Just Saint-Rambert: Certificat Système Qualité AFAQ / AFNOR ISO 9001, ISO 14001, BS OHSAS 18001</p> <p>ACOR Vauvert: Certificat Système Qualité AFAQ / AFNOR ISO 9001, ISO 14001, BS OHSAS 18001</p> <p>SAM Montereau: Certificat Système Qualité AFAQ / AFNOR ISO 9001, ISO 14001, BS OHSAS 18001, ISO 50001</p> <p>SAM Neuves-Maisons: Certificat Système Qualité AFAQ / AFNOR ISO 9001, ISO 14001, BS OHSAS 18001, ISO 50001</p>
QUALITY	PARSIDER RIVA ACIER: Multi-site Quality System Certificate

PRODUCTION SITE AND CERTIFICATION

	AFCAB(*) Certificate Number	Grade	Diameter (mm)	Standard/Specification
ACOR Creil	B95/108 B10/252 B12/281	B600A B500A B500B	4,5 5,5 à 9 6 à 9	NF A 35-024 NF A 35-080-2 NF A 35-080-2
ACOR Saint-Just Saint-Rambert	B95/109 B09/233 B12/277	B600A B500A B500B	4,5 5,5 à 9 6 à 9	NF A 35-024 NF A 35-080-2 NF A 35-080-2
ACOR Vauvert	B95/110 B09/234 B20/339	B600A B500A B500B	4,5 5,5 à 9 6 à 9	NF A 35-024 NF A 35-080-2 NF A 35-080-2
SAM Montereau	B18/324 B18/323	B600A B500A	4,5 5,5 à 9	NF A 35-024 NF A 35-080-2
SAM Neuves-Maisons	B20/334 B20/335	B600A B500A	4,5 5,5 à 9	NF A 35-024 NF A 35-080-2

(*) The certificates are available on the site <http://www.afcab.com/>