

Stainless Steel Mesh Fabric

Working towards forever.

We work with our customers and partners to create long lasting solutions for the tools of modern life and the world's most critical problems: clean energy, clean water and efficient infrastructure.

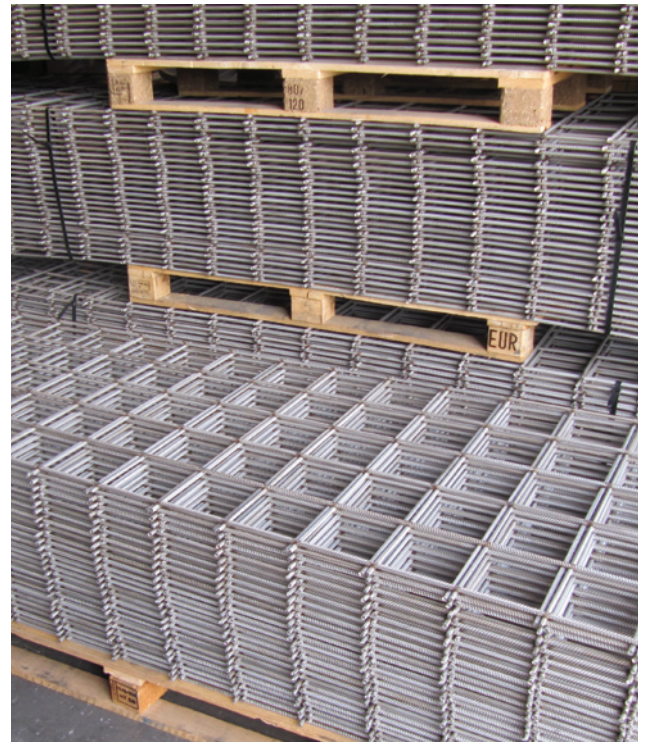
Because we believe in a world that lasts forever.

Outokumpu stainless steel rebar is produced and processed at our works in Sheffield, UK. CARES certified BS 6744 rebar is now available in mesh fabric form to BS 4483 fabric sizes. Customer specific fabric is also available and manufactured to order.

Product Availability

Grade 500 BS 6744:2001+A2:2009 stainless steel rebar is used to produce mesh fabric and is available in the following steel designations.

Outokumpu steel grade	International steel designation	
	EN	ASTM/UNS
LDX 2101®	1.4162	S32101
2304	1.4362	S32304



Standard Fabric Chart

BS 4483 Reference	Nominal Bar Pitch (mm)		Bar Diameters (mm)		Cross Sectional Area per metre (mm ²)		Nominal mass per m ² of mesh (kg)	Standard sheet mass (kg)	Approximate number of sheets per tonne
	Main	Cross	Main	Cross	Main	Cross			
Square									
A 393	200	200	10	10	393	393	6.13	70.6	14
A 252	200	200	8	8	252	252	3.92	45.2	22
A 142	200	200	6	6	142	142	2.21	25.5	39
Structural									
B 1131	100	200	12	8	1131	252	10.78	124.2	8
B 785	100	200	10	8	785	252	8.09	93.2	11
B 503	100	200	8	8	503	252	5.88	67.7	15
Long									
C 785	100	400	10	6	785	71	6.68	77.0	13
C 503	100	400	8	6	503	71	4.47	51.5	19
C 283	100	400	6	6	283	71	2.76	31.8	31

The standard fabric size is 4.8m x 2.4m. Other sizes and configurations are available upon request. Mesh fabric also available in plain bar, 6mm and 8mm diameter.

Manufacturing Tolerances

Unless agreed at the time of enquiry the following tolerances will apply:

Length and width $\pm 25\text{mm}$ or $\pm 0.5\%$ whichever is the greater
Bar Pitch $\pm 10\text{mm}$ or $\pm 5\%$ whichever is the greater
Overhangs to be agreed at the time of enquiry

Also available:

- BS 6744:2001+A2:2009 straight lengths up to 12m
- Cut & Bend to BS 8666:2005
- Stainless steel dowel bars and sleeves
- Stainless steel rebar couplers

Contact information:

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