

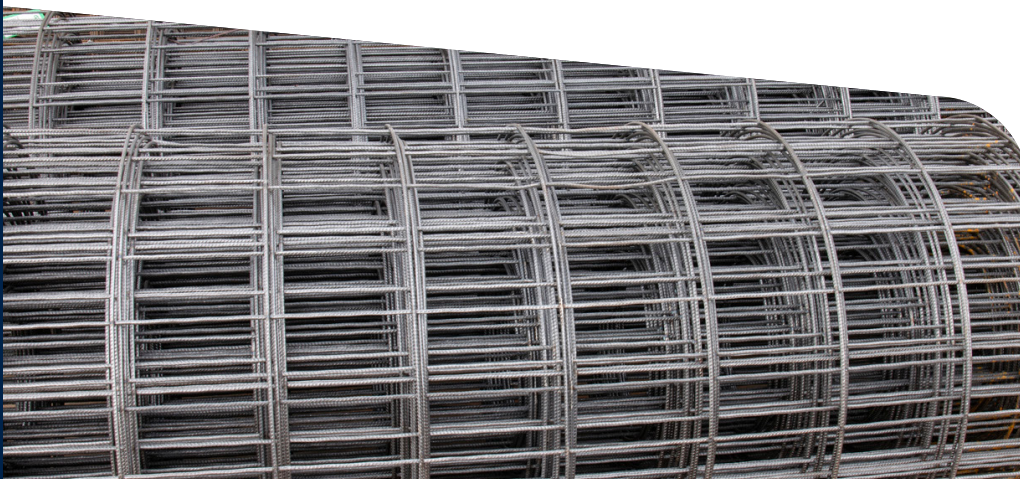
WELDED MESH REINFORCEMENT

RMS supplies high-quality welded mesh fabric reinforcement sourced from trusted local manufacturers. Made from cold-rolled deformed wire and welded using electric resistance welding, our mesh offers durable intersections with minimal loss of cross-sectional area.



Technical:

Fabric	Ref No.	Main (mm)	Cross (mm)	Main (mm)	Cross (mm)	Main (mm)	Cross (mm)	kg	Supplied in
Square Mesh Fabric	888	200	200	12.0	12.0	566	566	8.88	Sheets only 6m x 2.4m
	746	200	200	11.0	11.0	475	475	7.46	
	617	200	200	10.0	10.0	393	393	6.17	Sheets or rolls
	500	200	200	9.0	9.0	318	318	5.0	
	395	200	200	8.0	8.0	251	251	3.95	
	311	200	200	7.1	7.1	198	198	3.11	
	245	200	200	6.3	6.3	156	156	2.45	
	193	200	200	5.6	5.6	123	123	1.93	
	100	200	200	4.0	4.0	63	63	1.0	
Design Mesh Fabric	1085	100	200	12.0	8.0	1131	251	10.85	Sheets only 6m x 2.4m
	943	100	200	11.0	8.0	951	251	9.43	
	772	100	200	10.0	7.1	786	198	7.72	
	655	100	200	9.0	7.1	636	198	6.55	
	517	100	200	8.0	6.3	503	156	5.17	
	433	100	200	7.1	6.3	396	156	4.33	
	341	100	200	6.3	5.6	312	123	3.41	
Longitudinal Mesh Fabric	289	100	200	5.6	5.6	246	123	2.89	Sheets 6m x 2.4m or rolls
	278	100	300	6.3	4.0	312	42	2.78	
	226	100	300	5.6	4.0	246	42	2.26	
	133	100	300	4.0	4.0	126	42	1.33	
Special Mesh	200	100	100	4.0	4.0	126	126	2.0	Sheets 6m x 2.4m or rolls
	156	100	100	3.55	3.55	99	99	1.56	



Diameter (mm)	Mass / Metre (kg)
5.6	0.193
6.3	0.245
7.1	0.311
8.0	0.395
9.0	0.5
10.0	0.617
11.0	0.746
12.0	0.888

Structural Fabric Reinforcement Design Data

Cross-sectional areas at various spacings (mm²/m). Mass at various spacings (kg/m²).

Diam	Area	Mass	Wire Spacing (mm)											
mm	mm ²	kg/m ²	50	75	100	125	150	175	200	225	250	275	300	
12	113.11		2262	1508	1131	905	754	646	566	503	452	411	377	12
		0.888	17.76	11.84	8.88	7.1	5.92	5.07	4.44	3.95	3.55	3.23	2.96	
11	95.05		1901	1267	950	760	634	543	475	422	380	346	317	11
		0.746	14.92	9.95	7.46	5.97	4.97	4.26	3.73	3.32	2.98	2.71	2.49	
10	78.55		1571	1047	786	628	524	449	393	349	314	286	262	10
		0.617	12.34	8.23	6.17	4.94	4.11	3.53	3.09	2.74	2.47	2.24	2.06	
9	63.63		1273	848	636	509	424	364	318	283	255	231	212	9
		0.5	10.0	6.67	5.0	4.0	3.33	2.86	2.5	2.22	2.0	1.82	1.67	
8	50.27		1005	670	503	402	335	287	251	223	201	183	168	8
		0.395	7.9	5.27	3.95	3.16	2.63	2.26	1.98	1.76	1.58	1.44	1.32	
7.1	39.6		792	528	396	317	264	226	198	176	158	144	132	7.1
		0.311	6.22	4.15	3.11	2.49	2.07	1.78	1.56	1.38	1.24	1.13	1.04	
6.3	31.18		624	416	312	249	208	178	156	139	125	113	104	6.3
		0.245	4.9	3.27	2.45	1.96	1.63	1.4	1.23	1.09	0.98	0.89	0.82	
5.6	24.63		493	328	246	197	164	141	123	109	99	90	82	5.6
		0.193	3.86	2.57	1.93	1.54	1.29	1.1	0.97	0.86	0.77	0.7	0.64	
4	12.57		251	168	126	101	84	72	63	56	50	46	42	4
		0.1	2.0	1.33	1.0	0.8	0.67	0.57	0.5	0.44	0.4	0.36	0.33	



Why Choose RMS Welded Mesh?

- SANS 1024 Compliant Supply
- Minimum proof stress of 485MPa
- Tensile strength of 510MPa (BS 4482 compliant)
- Clearly labelled and easily identified on-site
- Versatile for use in: Surface beds (concrete floor slabs on fill), Suspended slab, Road pavements, Retaining walls, Box culverts and drains Precast elements and tilt-up panel.



**Reinforcing &
Mesh Solutions**
CREATING SOLUTIONS TOGETHER

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Join our community
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