

LOAD TABLE AT 41mm PITCH - W100 (MESH SIZE 41 x 100mm)

Duty	kN/m2	20 x 3	20 x 5	25 x 3	25 x 5	30 x 3	30 x 5	35 x 3	35 x 5	40 x 3	40 x 5	45 x 5	50 x 5	55 x 5	60 x 5
Light	3.0	1104	1308	1379	1636	1655	1952	1931	2214	2155	2446	2673	2892	3108	3317
General	5.0	935	1103	1164	1379	1396	1655	1629	1931	1861	2154	2353	2546	2735	2919
Heavy	7.5	815	964	1017	1204	1220	1446	1423	1687	1626	1928	2126	2301	2471	2638

All measurements are in mm unless otherwise stated.

LIGHT DUTY - Access limited to 1 person

GENERAL DUTY - Regular pedestrian traffic

HEAVY DUTY - High density traffic

LOAD TABLE AT 30mm PITCH - N100 (MESH SIZE 30 x 100mm)

Duty	kN/m2	20 x 3	20 x 5	25 x 3	25 x 5	30 x 3	30 x 5	35 x 3	35 x 5	40 x 3	40 x 5	45 x 5	50 x 5	55 x 5	60 x 5
Light	3.0	1223	1449	1528	1802	1834	2110	2104	2391	2326	2643	2887	3124	3355	3581
General	5.0	1031	1223	1289	1529	1547	1834	1805	2104	2047	2326	2541	2750	2953	3152
Heavy	7.5	901	1068	1126	1335	1351	1602	1577	1869	1802	2103	2295	2485	2668	2849

All measurements are in mm unless otherwise stated.

LIGHT DUTY - Access limited to 1 person

GENERAL DUTY - Regular pedestrian traffic

HEAVY DUTY - High density traffic

LOAD TABLE AT 21.5mm PITCH (MESH SIZE 21.5/100)

Bearing Bar mm	Loading Category	Max Clear Span 4mm Deflection	Deflection mm	Max Clear Span L/200 or 10mm Max Deflection	Deflection mm	Self Colour Weights Per Square Metre kg	Binding Bar Weights Based on 2 x 1m kg
25 x 3	5kN/m2	1075	3.98	1300	6.16	30.49	1.18
	7.5kN/m2	1055	3.99	1155	5.73		
30 x 3	5kN/m2	1305	4.00	1580	7.90	36.03	1.41
	7.5kN/m2	1210	3.98	1390	6.90		
35 x 3	5kN/m2	1535	3.99	1840	9.17	41.56	1.65
	7.5kN/m2	1355	3.94	1620	8.05		
40 x 3	5kN/m2	1655	4.00	2080	9.98	47.09	1.88
	7.5kN/m2	1505	4.00	1855	9.23		

LOAD TABLE AT 23.5mm PITCH (MESH SIZE 23.5/100)

Bearing Bar mm	Loading Category	Max Clear Span 4mm Deflection	Deflection mm	Max Clear Span L/200 or 10mm Max Deflection	Deflection mm	Self Colour Weights Per Square Metre kg	Binding Bar Weights Based on 2 x 1m kg
25 x 5	5kN/m2	1290	3.90	1525	7.62	45.01	1.96
	7.5kN/m2	1180	3.98	1340	6.63		
30 x 5	5kN/m2	1485	3.98	1825	9.09	53.45	2.36
	7.5kN/m2	1350	3.95	1610	8.00		
35 x 5	5kN/m2	1665	4.00	2090	9.91	61.89	2.75
	7.5kN/m2	1515	3.96	1880	9.39		
40 x 5	5kN/m2	1830	3.94	2305	9.92	70.33	3.14
	7.5kN/m2	1675	3.98	2105	9.94		
45 x 5	5kN/m2	2005	3.97	2525	9.99	78.77	3.53
	7.5kN/m2	1830	3.97	2305	9.99		
50 x 5	5kN/m2	2160	4.00	2715	9.98	87.21	3.93
	7.5kN/m2	1975	3.99	2485	9.99		
60 x 5	5kN/m2	2460	3.98	3095	9.98	104.09	4.71
	7.5kN/m2	2255	3.98	2835	9.95		

LOAD TABLE AT 37mm PITCH (MESH SIZE 37/100)

Bearing Bar mm	Loading Category	Max Clear Span 4mm Deflection	Deflection mm	Max Clear Span L/200 or 10mm Max Deflection	Deflection mm	Self Colour Weights Per Square Metre kg	Binding Bar Weights Based on 2 x 1m kg
25 x 3	5kN/m2	875	3.99	930	4.61	18.74	1.18
	7.5kN/m2	875	3.99	930	4.61		
30 x 3	5kN/m2	1060	4.00	1170	5.05	22.03	1.41
	7.5kN/m2	1060	4.00	1170	5.82		
35 x 3	5kN/m2	1240	3.96	1420	5.43	25.33	1.65
	7.5kN/m2	1195	3.97	1365	6.77		
40 x 3	5kN/m2	1430	3.98	1700	7.35	28.63	1.88
	7.5kN/m2	1320	3.95	1565	7.79		

LOAD TABLE AT 37mm PITCH (MESH SIZE 38/100)

Bearing Bar mm	Loading Category	Max Clear Span 4mm Deflection	Deflection mm	Max Clear Span L/200 or 10mm Max Deflection	Deflection mm	Self Colour Weights Per Square Metre kg	Binding Bar Weights Based on 2 x 1m kg
25 x 5	5kN/m2	1145	3.99	1310	6.51	28.74	1.96
	7.5kN/m2	1050	3.96	1150	5.70		
30 x 5	5kN/m2	1330	4.00	1575	7.86	34.04	2.36
	7.5kN/m2	1205	3.96	1385	6.91		
35 x 5	5kN/m2	1490	3.97	1835	9.13	39.34	2.75
	7.5kN/m2	1355	3.98	1615	8.03		
40 x 5	5kN/m2	1645	3.97	2070	9.96	44.64	3.14
	7.5kN/m2	1495	3.95	1845	9.18		
45 x 5	5kN/m2	1800	3.98	2265	9.98	49.94	3.53
	7.5kN/m2	1635	3.96	2060	9.98		
50 x 5	5kN/m2	1940	3.98	2440	9.95	55.24	3.93
	7.5kN/m2	1765	3.96	2225	9.99		
60 x 5	5kN/m2	2200	4.00	2790	9.98	65.84	4.71
	7.5kN/m2	2020	3.96	2545	9.98		

LOAD TABLE AT 47mm PITCH (MESH SIZE 47/125)

Bearing Bar mm	Loading Category	Max Clear Span 4mm Deflection	Deflection mm	Max Clear Span L/200 or 10mm Max Deflection	Deflection mm	Self Colour Weights Per Square Metre kg	Binding Bar Weights Based on 2 x 1m kg
25 x 3	5kN/m2	775	3.69	775	3.69	15.20	1.18
	7.5kN/m2	775	3.69	775	3.69		
30 x 3	5kN/m2	965	3.98	1035	4.70	17.79	1.41
	7.5kN/m2	965	3.98	1035	4.70		
35 x 3	5kN/m2	1135	3.99	1255	5.05	20.38	1.65
	7.5kN/m2	1125	3.99	1255	6.17		
40 x 3	5kN/m2	1305	3.98	1495	5.46	22.97	1.88
	7.5kN/m2	1245	3.98	1440	7.12		

LOAD TABLE AT 47mm PITCH (MESH SIZE 47/125)

Bearing Bar mm	Loading Category	Max Clear Span 4mm Deflection	Deflection mm	Max Clear Span L/200 or 10mm Max Deflection	Deflection mm	Self Colour Weights Per Square Metre kg	Binding Bar Weights Based on 2 x 1m kg
25 x 5	5kN/m2	1050	3.98	1225	6.10	23.84	1.96
	7.5kN/m2	995	3.92	1075	5.34		
30 x 5	5kN/m2	1265	4.00	1470	7.29	28.16	2.36
	7.5kN/m2	1145	3.96	1290	6.38		
35 x 5	5kN/m2	1415	3.95	1715	8.52	32.47	2.75
	7.5kN/m2	1285	3.95	1510	7.53		
40 x 5	5kN/m2	1565	3.97	1960	9.77	36.79	3.14
	7.5kN/m2	1420	3.95	1725	8.59		
45 x 5	5kN/m2	1710	3.96	2155	9.98	41.11	3.53
	7.5kN/m2	1555	3.97	1955	9.91		
50 x 5	5kN/m2	1850	3.99	2325	9.97	45.43	3.93
	7.5kN/m2	1680	3.97	2115	9.97		
60 x 5	5kN/m2	2115	3.99	2660	9.98	54.06	4.71
	7.5kN/m2	1925	3.98	2420	9.95		

Whilst every effort has been made to ensure the accuracy of the information supplied. F.H. Brundle cannot be held responsible for any errors or omissions. This product must only be employed for its original intended use. Any other use is wrong and potentially dangerous. Installation must be carried out in full compliance with current regulations. F.H. Brundle cannot be held liable for any damages resulting from wrongful, erroneous or negligent use.

