



SD Sails Freeform Load Data

Load Case 60

Webbing Edge

Perimeter (m)	Webbing Type	Corner Ring	Hardware Size	Corner Load (Kgf)
< 4	38mm 2.2T	6 x 60	M8	286
< 8	38mm 2.2T	6 x 60	M8	760
< 12	38mm 2.2T	6 x 60	M8	1250
< 16	50mm 3.0T	8 x 80	M10	1750
< 20	50mm 3.0T	8 x 80	M10	2250
< 24	50mm 5.6T	10 x 80	M12	2788
< 28	50mm 5.6T	10 x 80	M12	3300
< 32	50mm 5.6T	10 x 80	M16	3900
< 36	50mm 10T	12 x 80	M16	4450
< 40	50mm 10T	12 x 80	M16	5100

Cable Edge

Perimeter (m)	Cable Size	Corner Plate	Hardware Size	Corner Load (Kgf)
< 4	4mm 7x19	Plate 1	M10	371
< 8	4mm 7x19	Plate 1	M10	988
< 12	5mm 7x19	Plate 1	M12	1625
< 16	6mm 7x19	Plate 2	M16	2275
< 20	8mm 7x19	Plate 2	M16	2964
< 24	8mm 7x19	Plate 2	M16	3705
< 28	8mm 7x19	Plate 2	M16	4550
< 32	10mm 1x19	Plate 3	M20	5590
< 36	10mm 1x19	Plate 3	M20	6695
< 40	10mm 1x19	Plate 3	M20	7941

Load Case 30

Webbing Edge

Perimeter (m)	Webbing Type	Corner Ring	Hardware Size	Corner Load (Kgf)
< 4	38mm 2.2T	6 x 60	M8	228
< 8	38mm 2.2T	6 x 60	M8	608
< 12	38mm 2.2T	6 x 60	M8	1000
< 16	38mm 2.2T	6 x 60	M8	1400
< 20	38mm 2.2T	6 x 60	M8	1800
< 24	50mm 3.0T	8 x 80	M10	2230

Cable edge

Perimeter (m)	Cable Size	Corner Plate	Hardware Size	Corner Load (Kgf)
< 4	4mm 7x19	Plate 1	M10	297
< 8	4mm 7x19	Plate 1	M10	790
< 12	4mm 7x19	Plate 1	M10	1300
< 16	5mm 7x19	Plate 1	M12	1820
< 20	6mm 7x19	Plate 2	M16	2371
< 24	6mm 7x19	Plate 2	M16	2964

SD Sails Limited, Units 1-4 Pound Farm, Pound Lane, Shipley, West Sussex, UK. RH13 8QB
 T: +44 (0) 1403 740020 E: info@sdsails.co.uk W: www.sdsails.co.uk