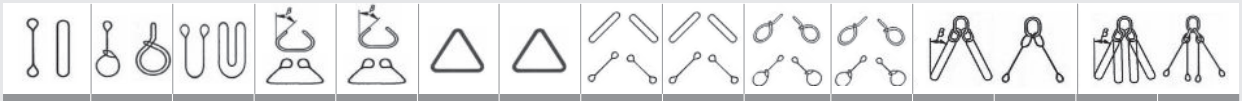
Webbing Sling & Round Sling Working Load Limit Chart



	straight	choked	basket	0-45 deg	45-60 deg	0-45 deg	45-60 deg	0-45 deg	45-60 deg	0-45 deg	45-60 deg	0-45 deg	45-60 deg	0-45 deg	45-60 deg
	M=1	M=0.8	M=2	M=1.4	M=1	M=0.7	M=0.5	M=1.4	M=1	M=1.12	M=0.8	M=1.4	M=1	M=2.1	M=1.5
	W.L.L. for single sling							W.L.L. for pair of slings				W.L.L. for 2 leg sling		W.L.L. for 3 & 4 leg sling	
	1.00	0.80	2.00	1.40	1.00	0.70	0.50	1.40	1.00	1.12	0.80	1.40	1.00	2.10	1.50
	2.00	1.60	4.00	2.80	2.00	1.40	1.00	2.80	2.00	2.24	1.60	2.80	2.00	4.20	3.00
	3.00	2.40	6.00	4.20	3.00	2.10	1.50	4.20	3.00	3.36	2.40	4.20	3.00	6.30	4.50
	4.00	3.20	8.00	5.60	4.00	2.80	2.00	5.60	4.00	4.48	3.20	5.60	4.00	8.40	6.00
	5.00	4.00	10.00	7.00	5.00	3.50	2.50	7.00	5.00	5.60	4.00	7.00	5.00	10.50	7.50
	6.00	4.80	12.00	8.40	6.00	4.20	3.00	8.40	6.00	6.72	4.80	8.40	6.00	12.60	9.00
	8.00	6.40	16.00	11.20	8.00	5.60	4.00	11.20	8.00	8.96	6.40	11.20	8.00	16.80	12.00
	10.00	8.00	20.00	14.00	10.00	7.00	5.00	14.00	10.00	11.20	8.00	14.00	10.00	21.00	15.00
	12.00	9.60	24.00	16.80	12.00	8.40	6.00	16.80	12.00	13.44	9.60	16.80	12.00	25.20	18.00
	15.00	12.00	30.00	21.00	15.00	10.50	7.50	21.00	15.00	16.80	12.00	21.00	15.00	31.50	22.50
	20.00	16.00	40.00	28.00	20.00	14.00	10.00	28.00	20.00	22.40	16.00	28.00	20.00	42.00	30.00
	25.00	20.00	50.00	35.00	25.00	17.50	12.50	35.00	25.00	28.00	20.00	35.00	25.00	52.50	37.50
	30.00	24.00	60.00	42.00	30.00	21.00	15.00	42.00	30.00	33.60	24.00	42.00	30.00	63.00	45.00
	35.00	28.00	70.00	49.00	35.00	24.50	17.50	49.00	35.00	39.20	28.00	49.00	35.00	73.50	52.50
	40.00	32.00	80.00	56.00	40.00	28.00	20.00	56.00	40.00	44.80	32.00	56.00	40.00	84.00	60.00
	50.00	40.00	100.00	70.00	50.00	35.00	25.00	70.00	50.00	56.00	40.00	70.00	50.00	105.00	75.00
	60.00	48.00	120.00	84.00	60.00	42.00	30.00	84.00	60.00	67.20	48.00	84.00	60.00	126.00	90.00
	70.00	56.00	140.00	98.00	70.00	49.00	35.00	98.00	70.00	78.40	56.00	98.00	70.00	147.00	105.00
	80.00	64.00	160.00	112.00	80.00	56.00	40.00	112.00	80.00	89.60	64.00	112.00	80.00	168.00	120.00
	90.00	72.00	180.00	126.00	90.00	63.00	45.00	126.00	90.00	100.80	72.00	126.00	90.00	189.00	135.00
	100.00	80.00	200.00	.00140	100.00	70.00	50.00	140.00	100.00	112.00	80.00	140.00	100.00	210.00	150.00

- M = Mode factor for symmetrical loading.
- Handling tolerance for slings or parts of slings indicated as vertical = 6 degrees.
- The angles detailed above: 0-45 degrees and 45-60 degrees are both relative to the vertical.



LiftKing Polyester Webbing Sling - DWS



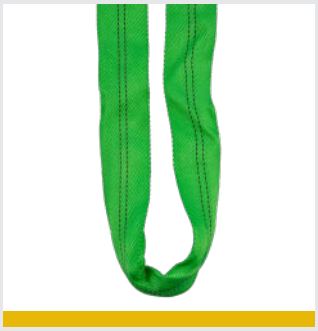
Material	100% high strength polyester
Finish	Colour indicated by W.L.L.
Standard	BS EN 1492-1
Safety Factor	MBL equals 7 x W.L.L.
Temp. range	-40°C up to +100°C
Markings	, CE, UK CA, mfg. date, W.L.L., length, load chart and traceability code
Ply	Duplex upto 10t, 12t is 3ply and above is 4ply. Simple and endless available upon request.
Note	A soft alternative to wires and chain. Wear sleeves and reinforced eyes available to suit all capacities and lengths.
Certification	2.1 DoC

EWL mtr	W.L.L. 1t	Weight kgs	W.L.L. 2t	Weight kgs	W.L.L. 3t	Weight kgs	W.L.L. 4t	Weight kgs	W.L.L. 5t	Weight kgs
0.5	DWS1T0.5M	0.16	DWS2T0.5M	0.23	-	-	-	-	-	-
1	DWS1T1M	0.25	DWS2T1M	0.43	DWS3T1M	0.72	DWS4T1M	0.95	DWS5T1M	1.45
1.5	DWS1T1.5M	0.35	DWS2T1.5M	0.6	DWS3T1.5M	0.97	DWS4T1.5M	1.32	DWS5T1.5M	2.2
2	DWS1T2M	0.46	DWS2T2M	0.75	DWS3T2M	1.22	DWS4T2M	1.66	DWS5T2M	2.4
3	DWS1T3M	0.58	DWS2T3M	1.05	DWS3T3M	1.76	DWS4T3M	2.3	DWS5T3M	3.36
4	DWS1T4M	0.74	DWS2T4M	1.39	DWS3T4M	2.23	DWS4T4M	3.04	DWS5T4M	4.27
5	DWS1T5M	0.9	DWS2T5M	1.71	DWS3T5M	2.73	DWS4T5M	3.72	DWS5T5M	5.26
6	DWS1T6M	1.07	DWS2T6M	2.01	DWS3T6M	3.28	DWS4T6M	4.21	DWS5T6M	6.2
7	DWS1T7M	1.16	DWS2T7M	2.2	DWS3T7M	4.08	DWS4T7M	5.15	DWS5T7M	7.16
8	DWS1T8M	1.4	DWS2T8M	2.61	DWS3T8M	4.27	DWS4T8M	5.57	DWS5T8M	8.08
10	DWS1T10M	1.73	DWS2T10M	3.26	DWS3T10M	5.28	DWS4T10M	7.16	DWS5T10M	10
12	DWS1T12M	2.06	DWS2T12M	3.85	DWS3T12M	6.25	DWS4T12M	8.45	DWS5T12M	12.1

EWL mtr	W.L.L. 6t	Weight kgs	W.L.L. 8t	Weight kgs	W.L.L. 10t	Weight kgs	W.L.L. 12t	Weight kgs	W.L.L. 20t	Weight kgs
2	DWS6T2M	2.88	DWS8T2M	4.25	DWS10T2M	5.15	DWS12T2M	5.3	DWS20T2M	9
3	DWS6T3M	4.02	DWS8T3M	5.9	DWS10T3M	7.15	DWS12T3M	7.2	DWS20T3M	13.5
4	DWS6T4M	5.16	DWS8T4M	7.54	DWS10T4M	9.2	DWS12T4M	10.6	DWS20T4M	18
5	DWS6T5M	6.37	DWS8T5M	9.28	DWS10T5M	11.11	DWS12T5M	13.25	DWS20T5M	22.5
6	DWS6T6M	7.54	DWS8T6M	10.76	DWS10T6M	13.07	DWS12T6M	17.2	DWS20T6M	27
7	DWS6T7M	8.4	DWS6T7M	11.72	DWS10T7M	15	DWS12T7M	18.55	DWS20T7M	31.5
8	DWS6T8M	11	DWS8T8M	14.1	DWS10T8M	17.06	DWS12T8M	21.95	DWS20T8M	36
10	DWS6T10M	11.95	DWS8T10M	17.62	DWS10T10M	20.8	DWS12T10M	27.95	DWS20T10M	44.5
12	DWS6T12M	13	DWS8T12M	19	DWS10T12M	24	DWS12T12M	34	DWS20T12M	53.5

EWL mtr	W.L.L. 25t	W.L.L. 30t	W.L.L. 40t	W.L.L. 50t
2	DWS25T2M	DWS30T2M	DWS40T2M	DWS50T2M
3	DWS25T3M	DWS30T3M	DWS40T3M	DWS50T3M
4	DWS25T4M	DWS30T4M	DWS40T4M	DWS50T4M
5	DWS25T5M	DWS30T5M	DWS40T5M	DWS50T5M
6	DWS25T6M	DWS30T6M	DWS40T6M	DWS50T6M
8	DWS25T8M	DWS30T8M	DWS40T8M	DWS50T8M
10	DWS25T10M	DWS30T10M	DWS40T10M	DWS50T10M
12	DWS25T12M	DWS30T12M	DWS40T12M	DWS50T12M

LiftKing Polyester Round Sling - PRS



Material	100% high strength polyester
Finish	Colour indicated by W.L.L.
Standard	BS EN 1492-1
Safety Factor	MBL equals 7 x W.L.L.
Temp. range	-40°C up to +100°C
Markings	, CE, UK CA, mfg. date, W.L.L., length, load chart and traceability code
Note	A soft alternative to wires and chain. Wear sleeves and reinforced eyes available to suit all capacities and lengths.
Certification	2.1 DoC

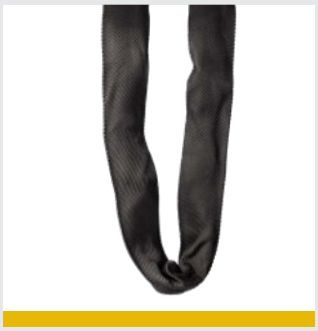
EWL mtr	W.L.L. 1t	Weight kgs	W.L.L. 2t	Weight kgs	W.L.L. 3t	Weight kgs	W.L.L. 4t	Weight kgs
0.5	PRS1T0.5M	0.14	PRS2T0.5M	0.26	PRS3T0.5M	0.37	PRS4T0.5M	0.4
1	PRS1T1M	0.37	PRS2T1M	0.51	PRS3T1M	0.72	PRS4T1M	0.92
1.5	PRS1T1.5M	0.42	PRS2T1.5M	0.72	PRS3T1.5M	1.02	PRS4T1.5M	1.35
2	PRS1T2M	0.57	PRS2T2M	0.98	PRS3T2M	1.4	PRS4T2M	1.8
2.5	PRS1T2.5M	0.7	PRS2T2.5M	1.2	PRS3T2.5M	1.66	PRS4T2.5M	2.1
3	PRS1T3M	0.93	PRS2T3M	1.4	PRS3T3M	2.26	PRS4T3M	2.7
4	PRS1T4M	1.06	PRS2T4M	2	PRS3T4M	2.64	PRS4T4M	3.6
5	PRS1T5M	1.41	PRS2T5M	2.3	PRS3T5M	3.28	PRS4T5M	4.5
6	PRS1T6M	1.7	PRS2T6M	2.76	PRS3T6M	4.03	PRS4T6M	5.4
8	PRS1T8M	2.1	PRS2T8M	3.6	PRS3T8M	5.39	PRS4T8M	6.6
10	PRS1T10M	2.5	PRS2T10M	4.65	PRS3T10M	6.7	PRS4T10M	8.35
12	PRS1T12M	3	PRS2T12M	5.28	PRS3T12M	7	PRS4T12M	10.2

EWL mtr	W.L.L. 5t	Weight kgs	W.L.L. 6t	Weight kgs	W.L.L. 8t	Weight kgs	W.L.L. 10t	Weight kgs
1	PRS5T1M	1.05	PRS6T1M	1.43	PRS8T1M	1.84	PRS10T1M	2.38
1.5	PRS5T1.5M	1.78	PRS6T1.5M	2.15	PRS8T1.5M	2.75	PRS10T1.5M	3.57
2	PRS5T2M	2.31	PRS6T2M	2.8	PRS8T2M	3.68	PRS10T2M	4.39
2.5	PRS5T2.5M	2.91	PRS6T2.5M	2.9	PRS8T2.5M	4.45	PRS10T2.5M	5.6
3	PRS5T3M	3.56	PRS6T3M	4.08	PRS8T3M	5.29	PRS10T3M	6.71
4	PRS5T4M	4.38	PRS6T4M	5.41	PRS8T4M	7.05	PRS10T4M	9.37
5	PRS5T5M	5.56	PRS6T5M	6.99	PRS8T5M	8.73	PRS10T5M	11.6
6	PRS5T6M	6.75	PRS6T6M	8.38	PRS8T6M	10.65	PRS10T6M	13.78
8	PRS5T8M	8.99	PRS6T8M	11	PRS8T8M	15	PRS10T8M	15.8
10	PRS5T10M	11.3	PRS6T10M	13.9	PRS8T10M	17.5	PRS10T10M	25.3
12	PRS5T12M	12	PRS6T12M	16.7	PRS8T12M	20	PRS10T12M	29

EWL mtr	W.L.L. 12t	Weight kgs	W.L.L. 15t	Weight kgs	W.L.L. 20t	Weight kgs	W.L.L. 25t	Weight kgs
2	PRS12T2M	3.5	PRS15T2M	9	PRS20T2M	9.48	PRS25T2M	11.5
3	PRS12T3M	7.74	PRS15T3M	12	PRS20T3M	14.22	PRS25T3M	17.25
4	PRS12T4M	9.8	PRS15T4M	14	PRS20T4M	19	PRS25T4M	23
5	PRS12T5M	12.8	PRS15T5M	17.5	PRS20T5M	23.7	PRS25T5M	28.75
6	PRS12T6M	15.4	PRS15T6M	21	PRS20T6M	27.4	PRS25T6M	34.5
8	PRS12T8M	19.6	PRS15T8M	24	PRS20T8M	37	PRS25T8M	46
10	PRS12T10M	25.6	PRS15T10M	32	PRS20T10M	47.4	PRS25T10M	58
12	PRS12T12M	29.1	PRS15T12M	40.4	PRS20T12M	54	PRS25T12M	69.5

EWL mtr	W.L.L. 30t	Weight kgs	W.L.L. 35t	Weight kgs	W.L.L. 40t	Weight kgs	W.L.L. 50t	Weight kgs
2	PRS30T2M	13.8	PRS35T2M	16.1	PRS40T2M	18.4	PRS50T2M	23
3	PRS30T3M	20.7	PRS35T3M	24.2	PRS40T3M	27.6	PRS50T3M	34.5
4	PRS30T4M	27.6	PRS35T4M	32.2	PRS40T4M	36.8	PRS50T4M	46
5	PRS30T5M	34.5	PRS35T5M	40.3	PRS40T5M	46	PRS50T5M	57.5
6	PRS30T6M	41.4	PRS35T6M	48.4	PRS40T6M	55.2	PRS50T6M	69
8	PRS30T8M	55.2	PRS35T8M	64.6	PRS40T8M	73.6	PRS50T8M	92
10	PRS30T10M	69	PRS35T10M	80.6	PRS40T10M	92	PRS50T10M	116
12	PRS30T12M	83	PRS35T12M	96.8	PRS40T12M	110.4	PRS50T12M	140

LiftKing Black Polyester Round Sling - PRSB



Material	100% high strength polyester
Finish	Black
Standard	BS EN 1492-1 (except for colour)
Safety Factor	MBL equals 7 x W.L.L.
Temp. range	-40°C up to +100°C
Markings	, CE, UKCA, mfg. date, W.L.L., length, load chart and traceability code
Note	A soft alternative to wires and chain. Wear sleeves and reinforced eyes available to suit all capacities and lengths.
Certification	2.1 DoC

EWL mtr	W.L.L. 1t	Weight kgs	W.L.L. 2t	Weight kgs	W.L.L. 3t	Weight kgs	W.L.L. 4t	Weight kgs
0.5	PRSB1T0.5M	0.13	PRSB2T0.5M	0.26	PRSB3T0.5M	0.37	PRSB4T0.5M	0.4
1	PRSB1T1M	0.37	PRSB2T1M	0.51	PRSB3T1M	0.72	PRSB4T1M	0.92
1.5	PRSB1T1.5M	0.42	PRSB2T1.5M	0.72	PRSB3T1.5M	1.02	PRSB4T1.5M	1.35
2	PRSB1T2M	0.74	PRSB2T2M	1	PRSB3T2M	1.4	PRSB4T2M	1.8
2.5	PRSB1T2.5M	0.87	PRSB2T2.5M	1.35	PRSB3T2.5M	1.66	PRSB4T2.5M	2.1
4	PRSB1T4M	1.48	PRSB2T4M	2	PRSB3T4M	2.64	PRSB4T4M	3.6