

Flat Slings



Our own weaving facility on site gives us the ability to design and manufacture flat sling constructions varying from 1T to 50T.

Manufactured from 100% polyester fibres (PES), our flat sling products cover sling types from simplex, duplex, endless to quadplex. Our lifting slings are a more versatile solution than substitute products such as wire rope or chain options.

For special applications, we can also offer custom made solutions.

- FLAT SLINGS UP TO 50T (QUADS) SAFETY FACTOR 7:1
- WOVEN FROM HIGH TENACITY POLYESTER (PES) YARN
- STRIPE DENOTES SWL
- COLOUR CODED FOR EASY IDENTIFICATION
- OFF THE SHELF PRODUCT AVAILABLE UP TO 6T (STANDARD)
- CUSTOM MADE SOLUTIONS FOR NON STANDARD APPLICATIONS
- AVAILABLE WITH A CHOICE OF WEAR SLEEVES FOR ADDED PROTECTION AT THE LOAD POINTS
- MANUFACTURED AS STANDARD IN ACCORDANCE TO EN1492-1
- GLOW SLINGS ARE PRODUCED WITH REFLECTIVE YARN - IMPROVING SAFETY AND EFFICIENCY BY INCREASING VISIBILITY IN LOW LIGHT LIFTING OPERATIONS

Standard Flat Slings

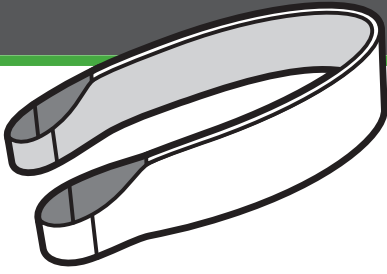
Our most popular sling type – Available up to 12T, our standard flat slings come in simplex (1 layer) and duplex (2 layer) forms and offer solutions to most lifting problems.

Woven from high tenacity polyester yarn, these slings feature low weight, flexibility of use and ease of handling. They give significant improvements in safety and costs in comparison to other lifting equipment.



DUPLEX *Also available in Simplex - call for details.*

Colour Code	Product Code	WLL	Webbing width (mm)	Thickness (mm)	Eye length 1m effective length in mm (L ₂)	Eye length 2m effective length in mm (L ₂)	Eye length 3m effective length in mm (L ₂)	Standard eye type	Weight 1m (kg) L ₂	Weight 2m (kg) L ₂	Weight 3m (kg) L ₂	Weight (kg) per 1m extra EWL
Purple	MC30	1T	30	7	250	400	-	1	0.25	0.45	0.65	0.2
Green	MC60	2T	60	6	250	400	-	3	0.44	0.79	1.14	0.35
Yellow	MC90	3T	90	7.5	250	400	-	3	0.71	1.25	1.8	0.55
Grey	MC120	4T	120	8	-	450	-	4	-	1.67	2.4	0.73
Red	MC150	5T	150	7	-	550	-	4	-	2.12	3.06	0.94
Brown	MC180	6T	180	7	-	600	-	4	-	2.95	4.14	1.2
Blue	MC240	8T	240	8	-	-	750	4	-	-	5.25	1.5
Orange	MC300	10T	300	7	-	-	1000	4	-	-	6.85	1.97
Orange	MC300	12T	300	8	-	-	1000	4	-	-	8.35	2.36



Flat Slings **CONTINUED**

Quadplex Flat Slings

Specially designed and fabricated for superior performance, our quadplex slings are comprised of 4 layers and are available up to 50T.

These lifting slings are compatible with a large range of hardware as well as standard sewn eyes.



DON'T FORGET...

We also sell hardware and wear sleeves with our slings or you can send us your preferred hardware for us to assemble.

Colour Code	Product Code	WLL	Sling width (mm)	Minimum length (m)	Loop length (mm)	Loop width (mm)
	TDQ030	2T	30	1	350	30
	TDQ060	4T	60	1.3	400	50
	TDQ090	6T	90	1.6	500	60
	TDQ120	8T	120	2	600	70
	TDQ150	10T	150	2.2	700	85
	TDQ180	12T	180	2.5	800	100












Colour Code	Product Code	WLL	Nominal eye width (mm)	Eye length (mm)	Nominal Sling width (mm)	Weight (kg) of sling at Length 4m	Weight (kg) of sling at Length 5m	Weight (kg) of sling at Length 6m	Weight (kg) of sling at Length 7m	Weight (kg) of sling at Length 8m	Weight (kg) of sling at Length 9m	Weight (kg) of sling at Length 10m
	TDQ150	10T	80	650	150	7.7	9.6	11.4	13.3	15.1	17	18.8
	TDQ180	12T	100	700	190	10.1	12.5	14.9	17.3	19.7	22.1	24.5
	TDQ240	15T	125	850	240	12.4	15.4	18.3	21.3	24.3	27.2	30.2
	TDQ300	20T	160	1100	300	16.3	20.3	24.2	28.1	32	35.9	39.8
	TDQ480	25T	160	1200	300	19.6	24.3	29	33.7	38.4	43.1	47.8
	TDQ480	30T	260	1500	500	26.5	32.9	39.2	45.6	52	58.4	64.7
	TDQ600	40T	310	1500	600	41	50.8	60.6	70.4	80.2	90.1	99.9
	TDQ600	50T	310	1500	600	45.1	55.5	66.7	77.4	88.2	99.1	109.9



Working Load Limits

It is vital that the correct lifting sling is chosen and certain entities are considered, including the capacity, length, number of slings used in a lift and the angle of inclination.

FLAT OR ROUND SLINGS - POLYESTER

Colour Code	WLL	1 SLING							2 SLINGS			
		Lifting Factor 1	Lifting Factor 0.8	Lifting Factor 2	Lifting Factor 1.4	Lifting Factor 1	Lifting Factor 0.7	Lifting Factor 0.5	Lifting Factor 1.4	Lifting Factor 1	Lifting Factor 1.12	Lifting Factor 0.8
		 Vertical	 Choke	 Straight Basket 0° - 7°	 Basket 7° - 45°	 Basket 45° - 60°	 Basket 7° - 45°	 Basket 45° - 60°	 Straight incline 7° - 45°	 Straight incline 45° - 60°	 Choke incline 7° - 45°	 Choke incline 45° - 60°
Black	.5T	.5	.4	1	.7	.5	.35	.25	.7	.5	.56	.4
Purple	1T	1	.8	2	1.4	1	.7	.5	1.4	1	1.12	.8
White	1.5T	1.5	1.2	3	2.1	1.5	1.05	.75	2.1	1.5	1.68	1.2
Green	2T	2	1.6	4	2.8	2	1.4	1	2.8	2	2.24	1.6
Yellow	3T	3	2.4	6	4.2	3	2.1	1.5	4.2	3	3.36	2.4
Grey	4T	4	3.2	8	5.6	4	2.8	2	5.6	4	4.48	3.2
Red	5T	5	4	10	7	5	3.5	2.5	7	5	5.6	4
Brown	6T	6	4.8	12	8.4	6	4.2	3	8.4	6	6.72	4.8
Blue	8T	8	6.4	16	11.2	8	5.6	4	11.2	8	8.96	6.4
Orange	10T	10	8	20	14	10	7	5	14	10	11.2	8
Orange	12T	12	9.6	24	16.8	12	8.4	6	16.8	12	13.44	9.6
Orange	15T	15	12	30	21	15	10.5	7.5	21	15	16.8	12
Orange	20T	20	16	40	28	20	14	10	28	20	22.4	16
Orange	25T	25	20	50	35	25	17.5	12.5	35	25	28	20
Orange	30T	30	24	60	42	30	21	15	42	30	33.6	24
Orange	40T	40	32	80	56	40	28	20	56	40	44.8	32
Orange	50T	50	40	100	70	50	35	25	70	50	56	40
Orange	60T	60	48	120	84	60	42	30	84	60	67.2	48
Orange	70T	70	56	140	98	70	49	35	98	70	78.4	56
Orange	80T	80	64	160	112	80	56	40	112	80	89.6	64
Orange	90T	90	72	180	126	90	63	45	126	90	100.8	72
Orange	100T	100	80	200	140	100	70	50	140	100	112	80
Orange	110T	110	88	220	154	110	77	55	154	110	123.2	88
Orange	115T	115	92	230	161	115	80.5	57.5	161	115	128.8	92