

SERIES 01

Synthetic Webbing Slings

Complete 01 series — straight from the production line of Jiangsu Yoway Lifting Equipment Co., Ltd. Every value in this booklet comes from the same dataset that drives our website and catalogue.

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RANGE OVERVIEW

Range at a glance

Product	WLL	Model No.	Material	Standard
Flat Webbing Slings (Endless, Eye-to-Eye, Wide-Body & Heavy-Duty)	1 – 24 t	018–022, 036	High-tenacity polyester (100% PES); nylon and polypropylene available	EN 1492-1 / JB/T 8521
Round (Flexible) Webbing Slings (Endless, Protected & Eye-to-Eye)	1 – 800 t	001–012	High-tenacity polyester (PES) with an abrasion-resistant polyester jacket	EN 1492-2 / JB/T 8521.2
Dyneema (UHMWPE) Webbing Slings (Endless & Eye-to-Eye)	1 – 500 t	013–015	Dyneema (UHMWPE) ultra-high-molecular-weight polyethylene fibre with an abrasion-resistant jacket	JB/T 8521.2 / EN 1492-2
Fire-Resistant Flexible Webbing Slings (Endless & Eye-to-Eye)	1 – 20 t	016–017	High-tenacity polyester core with a flame-retardant, heat-resistant outer sheath	Flame-retardant, heat-resistant / JB/T 8521
High-Strength Pickling Webbing Slings (Acid & Alkali Resistant)	0.5 – 20 t	030–034	High-tenacity polyester / acid- and alkali-resistant high-strength fibre (surface-treatment grade)	JB/T 8521-1997
Webbing Sling Assemblies (1-, 2-, 3- & 4-Leg Combinations)	1 – 20 t	039–042	High-tenacity polyester slings with forged master links, shackles and hooks	EN 1492 (sling assemblies)

Units. 1 t = 1,000 kg = 2,204 lb · 1 mm = 0.0394 in · 1 m = 3.28 ft · 1 kg/m = 0.672 lb/ft. All dimensions are nominal and subject to the tolerances of the applicable standard.

Certification. CE certified webbing slings (EN 1492-1 / EN 1492-2). Quality, environmental and occupational health & safety management certified to ISO 9001, ISO 14001 and ISO 45001.

How to select the right sling

1. Determine the load weight, the centre of gravity and the lifting method — straight, choke, basket or multi-leg.
2. Read the required WLL from the configuration factor table: a choke hitch reduces capacity to 80%, a basket hitch at an angle to 70%.
3. Check the working temperature and the medium — acid, alkali, heat or weld spatter — and whether the load has sharp edges.
4. Choose the eye type, the sling length and the ply count, then confirm the safety factor required by your site rules.
5. Tell us the WLL, length, end fittings, quantity and lifting method — we return a full proposal within 24 hours.

01.1



Model No. 018-022, 036

Flat-woven from high-tenacity polyester — a wide, flat and load-conforming face that protects the surface, shock-absorbing, non-conductive, corrosion-free and spark-free in explosive atmospheres. Colour-coded by WLL, with single-, double- and four-ply construction and custom lengths and end fittings.

WLL	No. 018 / 020: 1 – 12 t · No. 019 / 021: 2 – 24 t · No. 022: 1 – 20 t · No. 036 extra-heavy on request (40 t and above)	SAFETY FACTOR	5:1 / 6:1 / 7:1 as standard (4:1 – 8:1 on request)
WIDTH / THICKNESS	Width 25 – 600 mm · Thickness 4 mm (018) / 7.5 mm (019, 020) / 15 mm four-ply (021) / 5, 8 mm (022)	LENGTH	Min. 0.5 – 3.0 m by capacity · Max. 100 m, customised on request
WORKING TEMP.	–40 °C to +100 °C	STANDARD	EN 1492-1 / JB/T 8521 · Safety factor 5:1 / 6:1 / 7:1
MATERIAL	High-tenacity polyester (100% PES); nylon and polypropylene available	COLOUR CODING	International colour code: violet 1 t / green 2 t / yellow 3 t / grey 4 t / red 5 t ... (each stripe ≈ 1 t)

Key features

- Wide, flat load face conforms to the load without damaging its surface
- Single-, double- and four-ply: 4 mm standard, 7.5 mm heavy, 15 mm four-ply
- Wide-body up to 600 mm for large, easily deformed loads
- Eye-and-eye ends in 6 standard types: ER / EB / ED / EO / ES / EF
- Special series: polyester, cut-resistant, oil-pipe, bolster, glass sling and glass beam
- Nylon series: high-strength white / colour-changed for onshore and offshore pipe lifting

Applications

- Port & logistics: cargo handling and lashing
- Steel & metallurgy: coils, plates and sections
- Machinery & installation: equipment and dies
- Glass & pipe: solar glass and pipe lifting
- Petrochemical: surface-treated and plated parts
- Wind power: towers, blades and nacelles

Table A · Eye-to-Eye Flat Slings (No. 020, 7.5 mm)

額 定 載 荷 (Kg · lb)	近 似 寬 度 (mm · in)			長 度 L (m · ft)		環 眼 長 度 (mm · in)	重 量 (Kg/m · lb/ft)										
				最 小	最 大												
	5:1	6:1	7:1				5:1	6:1	7:1								
								1000 2,205 lb	25 0.98 in	25 0.98 in	30 1.18 in	1.1 3.6 ft	100 328.1 ft	300 11.81 in	0.19 0.13 lb/ft	0.20 0.13 lb/ft	0.22 0.15 lb/ft
								2000 4,409 lb	50 1.97 in	50 1.97 in	60 2.36 in	1.2 3.9 ft	100 328.1 ft	300 11.81 in	0.36 0.24 lb/ft	0.41 0.28 lb/ft	0.45 0.30 lb/ft
								3000 6,614 lb	75 2.95 in	75 2.95 in	90 3.54 in	1.3 4.3 ft	100 328.1 ft	350 13.78 in	0.56 0.38 lb/ft	0.60 0.40 lb/ft	0.71 0.48 lb/ft
								4000 8,818 lb	100 3.94 in	100 3.94 in	120 4.72 in	1.4 4.6 ft	100 328.1 ft	500 19.69 in	0.61 0.41 lb/ft	0.75 0.50 lb/ft	1.02 0.69 lb/ft
								5000 11,023 lb	125 4.92 in	125 4.92 in	150 5.91 in	2.0 6.6 ft	100 328.1 ft	550 21.65 in	0.89 0.60 lb/ft	1.02 0.69 lb/ft	1.21 0.81 lb/ft
								6000 13,228 lb	150 5.91 in	150 5.91 in	180 7.09 in	2.0 6.6 ft	100 328.1 ft	600 23.62 in	0.98 0.66 lb/ft	1.26 0.85 lb/ft	1.42 0.95 lb/ft
								8000 17,637 lb	200 7.87 in	200 7.87 in	240 9.45 in	2.0 6.6 ft	100 328.1 ft	700 27.56 in	1.36 0.91 lb/ft	1.69 1.14 lb/ft	1.89 1.27 lb/ft
								10000 22,046 lb	250 9.84 in	250 9.84 in	300 11.81 in	3.0 9.8 ft	100 328.1 ft	800 31.50 in	1.68 1.13 lb/ft	2.07 1.39 lb/ft	2.34 1.57 lb/ft
								12000 26,455 lb	300 11.81 in	300 11.81 in	300 11.81 in	3.0 9.8 ft	100 328.1 ft	900 35.43 in	1.95 1.31 lb/ft	2.37 1.59 lb/ft	2.98 2.00 lb/ft

环眼长度指两端环眼的有效内长。安全系数 7:1 时带宽与每米重量同步加大, 报价与排产以合同约定的安全系数为准。

Table B • Heavy-Duty Eye-to-Eye Flat Slings (No. 021, 15 mm four-ply)

额定 载荷 (Kg · lb)	近似宽度 (mm · in)			长度 L (m · ft)		环眼 长度 (mm · in)	重量 (Kg/m · lb/ft)									
	5:1	6:1	7:1	最小	最大		5:1	6:1	7:1							
							2000 4,409 lb	25 0.98 in	25 0.98 in	30 1.18 in	1.5 4.9 ft	100 328.1 ft	350 13.78 in	0.34 0.23 lb/ft	0.45 0.30 lb/ft	0.49 0.33 lb/ft
							4000 8,818 lb	50 1.97 in	50 1.97 in	60 2.36 in	1.5 4.9 ft	100 328.1 ft	400 15.75 in	0.64 0.43 lb/ft	0.78 0.52 lb/ft	0.81 0.54 lb/ft
							6000 13,228 lb	75 2.95 in	75 2.95 in	90 3.54 in	1.5 4.9 ft	100 328.1 ft	450 17.72 in	1.04 0.70 lb/ft	1.18 0.79 lb/ft	1.24 0.83 lb/ft
							8000 17,637 lb	100 3.94 in	100 3.94 in	120 4.72 in	2.0 6.6 ft	100 328.1 ft	500 19.69 in	1.34 0.90 lb/ft	1.40 0.94 lb/ft	1.66 1.12 lb/ft
							10000 22,046 lb	125 4.92 in	125 4.92 in	150 5.91 in	2.0 6.6 ft	100 328.1 ft	550 21.65 in	1.65 1.11 lb/ft	1.72 1.16 lb/ft	2.03 1.36 lb/ft
							12000 26,455 lb	150 5.91 in	150 5.91 in	180 7.09 in	3.0 9.8 ft	100 328.1 ft	600 23.62 in	1.95 1.31 lb/ft	2.03 1.36 lb/ft	2.31 1.55 lb/ft
							16000 35,274 lb	200 7.87 in	200 7.87 in	240 9.45 in	3.0 9.8 ft	100 328.1 ft	700 27.56 in	2.26 1.52 lb/ft	2.60 1.75 lb/ft	2.77 1.86 lb/ft
							20000 44,092 lb	250 9.84 in	250 9.84 in	300 11.81 in	3.0 9.8 ft	100 328.1 ft	800 31.50 in	2.97 2.00 lb/ft	3.32 2.23 lb/ft	3.55 2.39 lb/ft
							24000 52,911 lb	300 11.81 in	300 11.81 in	300 11.81 in	3.0 9.8 ft	100 328.1 ft	900 35.43 in	3.86 2.59 lb/ft	4.20 2.82 lb/ft	4.44 2.98 lb/ft

四层结构承载力为双层同规格的两倍，用于频繁吊运、磨损较重或需更高安全余量的场合。

Table C • Endless Flat Slings (No. 018, 4 mm)

WLL 1–12 t; min length 0.5–2.0 m, max length 100 m



01.2 Round (Flexible) Webbing Slings (Endless, Protected & Eye-to-Eye)

Model No. 001–012

The load-bearing core is an endless, parallel fibre bundle sheathed in a double-layer abrasion-resistant jacket joined into a ring — warning and protection in one. Soft and light, it conforms to the load without damage; standard, protected, fire-resistant, fluorescent, light-inspection and high-strength versions available.

WLL	Endless: 1 – 800 t (listed to 800 t; up to 1000 t on request) · Protected / eye-to-eye: 1 – 50 t	SAFETY FACTOR	6:1 and 7:1 as standard (4:1 – 8:1 on request)
WIDTH / THICKNESS	Thickness 6 – 280 mm · Width 40 – 930 mm (by capacity, see tables)	LENGTH	Min. 0.5 – 9.0 m by capacity · Max. 80 m, customised on request
WORKING TEMP.	-40 °C to +100 °C	STANDARD	EN 1492-2 / JB/T 8521.2 · Safety factor 6:1 or 7:1
MATERIAL	High-tenacity polyester (PES) with an abrasion-resistant polyester jacket	COLOUR CODING	Violet 1 t / green 2 t / yellow 3 t / grey 4 t / red 5 t / brown 6 t / blue 8 t / orange 10 t and above; each black stripe on the jacket ≈ 1 t

Key features

- Endless, parallel fibre core in a double-layer abrasion-resistant jacket joined into a ring
- Soft and conforming — wraps the load without damage and reduces rebound risk
- Lightweight and non water-absorbing — easy to handle wet or dry
- Endless, protected and eye-to-eye constructions for standard duty, edge protection and hook-on applications
- Standard, fire-resistant, fluorescent, light-inspection, high-strength and combined versions
- Colour code plus black stripes — WLL still identifiable after damage

Applications

- Shipbuilding & offshore operations
- Port & logistics: cargo handling and lashing
- Wind power: towers, blades and nacelles
- Petrochemical: pipes and vessels
- Machinery & installation: equipment and dies

Table 1 • Endless Round Slings (No. 001–006)

Length L: min 0.5–9.0 m, max 80 m

额定载 荷 (Kg · lb)	近似厚 度 (mm · in)	近似宽 度 (mm · in)	最小长 度 (m · ft)	最大长 度 (m · ft)	重量 6:1 (Kg/m · lb/ft)	重量 7:1 (Kg/m · lb/ft)	10001T 紫 22,048 lb	6 0.24 in	40 1.57 in	0.5 1.6 ft	80 262.5 ft	0.30 0.20 lb/ft	0.35 0.24 lb/ft
							20002T 绿 44,097 lb	7 0.28 in	50 1.97 in	0.5 1.6 ft	80 262.5 ft	0.44 0.30 lb/ft	0.52 0.35 lb/ft
							30003T 黄 66,145 lb	8 0.31 in	60 2.36 in	0.5 1.6 ft	80 262.5 ft	0.65 0.44 lb/ft	0.74 0.50 lb/ft
							40004T 灰 88,194 lb	9 0.35 in	70 2.76 in	0.5 1.6 ft	80 262.5 ft	0.83 0.56 lb/ft	0.91 0.61 lb/ft
							50005T 红 110,242 lb	11 0.43 in	75 2.95 in	0.5 1.6 ft	80 262.5 ft	1.01 0.68 lb/ft	1.29 0.87 lb/ft
							60006T 棕 132,291 lb	12 0.47 in	80 3.15 in	1.0 3.3 ft	80 262.5 ft	1.19 0.80 lb/ft	1.39 0.93 lb/ft
							80008T 蓝 176,387 lb	13 0.51 in	90 3.54 in	1.0 3.3 ft	80 262.5 ft	1.50 1.01 lb/ft	1.75 1.18 lb/ft
							1000010T+ 橙 2,204,645 lb	15 0.59 in	100 3.94 in	2.0 6.6 ft	80 262.5 ft	1.95 1.31 lb/ft	2.28 1.53 lb/ft
							12000 26,455 lb	16 0.63 in	110 4.33 in	2.0 6.6 ft	80 262.5 ft	2.46 1.65 lb/ft	2.87 1.93 lb/ft
							15000 33,069 lb	18 0.71 in	125 4.92 in	2.0 6.6 ft	80 262.5 ft	2.97 2.00 lb/ft	3.47 2.33 lb/ft
							20000 44,092 lb	20 0.79 in	150 5.91 in	2.5 8.2 ft	80 262.5 ft	4.66 3.13 lb/ft	5.44 3.66 lb/ft
							25000 55,116 lb	24 0.94 in	180 7.09 in	2.5 8.2 ft	80 262.5 ft	5.84 3.92 lb/ft	6.82 4.58 lb/ft
							30000 66,139 lb	32 1.26 in	200 7.87 in	2.5 8.2 ft	80 262.5 ft	9.23 6.20 lb/ft	10.8 7.26 lb/ft
							40000 88,185 lb	40 1.57 in	200 7.87 in	2.5 8.2 ft	80 262.5 ft	12.1 8.13 lb/ft	14.2 9.54 lb/ft
							50000 110,231 lb	45 1.77 in	220 8.66 in	2.5 8.2 ft	80 262.5 ft	14.1 9.47 lb/ft	16.3 10.95 lb/ft
							60000 132,277 lb	65 2.56 in	240 9.45 in	4.0 13.1 ft	80 262.5 ft	17.3 11.63 lb/ft	20.2 13.57 lb/ft
							80000 176,370 lb	70 2.76 in	260 10.24 in	4.0 13.1 ft	80 262.5 ft	22.2 14.92 lb/ft	25.9 17.40 lb/ft
							100000 220,462 lb	80 3.15 in	290 11.42 in	4.0 13.1 ft	80 262.5 ft	26.0 17.47 lb/ft	30.3 20.36 lb/ft
							200000 440,925 lb	120 4.72 in	450 17.72 in	5.0 16.4 ft	80 262.5 ft	64.0 43.01 lb/ft	74.6 50.13 lb/ft
							300000 661,387 lb	160 6.30 in	525 20.67 in	5.0 16.4 ft	80 262.5 ft	79.0 53.09 lb/ft	92.2 61.96 lb/ft
							400000 881,849 lb	200 7.87 in	670 26.38 in	5.0 16.4 ft	80 262.5 ft	98.4 66.12 lb/ft	114.8 77.14 lb/ft
							500000 1,102,311 lb	220 8.66 in	750 29.53 in	8.0 26.2 ft	80 262.5 ft	121.2 81.44 lb/ft	141.4 95.02 lb/ft
							600000 1,322,774 lb	240 9.45 in	820 32.28 in	8.0 26.2 ft	80 262.5 ft	145.0 97.44 lb/ft	169.2 113.70 lb/ft
							700000 1,543,236 lb	260 10.24 in	870 34.25 in	8.0 26.2 ft	80 262.5 ft	168.0 112.89 lb/ft	196.0 131.71 lb/ft
							800000 1,763,698 lb	280 11.02 in	930 36.61 in	9.0 29.5 ft	80 262.5 ft	192.0 129.02 lb/ft	224.0 150.52 lb/ft

吨位色标：1T 紫 / 2T 绿 / 3T 黄 / 4T 灰 / 5T 红 / 6T 棕 / 8T 蓝 / 10T 及以上橙；护套上每 1 条黑色条纹代表 1 t 起重能力。12T 及以上按订购吨位标识，不设固定色。

Table 2 • Protected (007) & Eye-to-Eye (008–012) Round Slings

Max length 80 m; weight at safety factor 6:1

防护型柔性吊装带（编号 007）					环眼型柔性吊装带（编号 008–012）					1000 2,205 lb	15	50	1.5	0.33	11	50	1.0	0.29
额定载荷 (Kg · lb)	近似厚度 (mm · in)	近似宽度 (mm · in)	最小长度 (m · ft)	重量 (Kg/m · lb/ft)	近似厚度 (mm · in)	近似宽度 (mm · in)	最小长度 (m · ft)	重量 (Kg/m · lb/ft)		2000 4,409 lb	16	60	1.5	0.47	12	60	1.5	0.41
										3000 6,614 lb	18	70	1.5	0.68	14	70	1.5	0.63
										4000 8,818 lb	20	80	1.5	0.85	15	80	1.5	0.80
										5000 11,023 lb	25	90	1.5	1.06	23	90	1.5	0.96
										6000 13,228 lb	27	90	2.0	1.28	25	90	2.0	1.12
										8000 17,637 lb	28	100	2.0	1.59	26	100	3.0	1.45
										10000 22,046 lb	29	110	2.0	2.10	27	110	3.0	1.90
										12000 26,455 lb	30	125	2.0	2.60	28	125	3.0	2.36
										15000 33,069 lb	31	150	2.0	3.16	29	150	3.0	2.86
										20000 44,092 lb	32	180	2.5	4.89	31	180	3.0	4.50
										25000 55,116 lb	34	200	2.5	6.15	34	200	3.0	5.70
										30000 66,139 lb	68	220	2.5	9.51	36	220	4.0	7.90
										40000 88,185 lb	75	250	2.5	12.45	40	250	4.0	10.6
										50000 110,231 lb	86	270	2.5	14.40	46	300	4.0	12.5

防护型在承载芯外增加耐磨防护层，适合棱角、粗糙面吊装；环眼型两端为环眼（Eye-to-Eye），便于挂钩与卸扣直接挂接，同吨位下最小长度略长于防护型。

Table 3 • Sling Configuration Factors (M)

WLL = single vertical WLL × M; included angle must not exceed 60°

吊装方式 系数 M 以 2 t 吊带为例
可用载荷

单根直吊	1.0 3.3 ft	2.0 t 4,409 lb
单根结套吊（锁吊）	0.8 2.6 ft	1.6 t 3,527 lb
单根平行 U 型吊	2.0 6.6 ft	4.0 t 8,818 lb
单根 U 型吊 · 夹角 0°—45°	1.4 4.6 ft	2.8 t 6,173 lb
单根 U 型吊 · 夹角 45°—60°	1.0 3.3 ft	2.0 t 4,409 lb
双根直吊 · 夹角 0°—45°	1.4 4.6 ft	2.8 t 6,173 lb
双根直吊 · 夹角 45°—60°	1.0 3.3 ft	2.0 t 4,409 lb
三 / 四根组合 · 夹角 0°—45°	2.1 6.9 ft	4.2 t 9,259 lb
三 / 四根组合 · 夹角 45°—60°	1.5 4.9 ft	3.0 t 6,614 lb

系数取自本厂样本册《高强纤维吊装带吊装载荷图表》。夹角为吊索两腿之间的夹角，不是与垂直方向的夹角；夹角越大，单腿受力越大，务必按上表折减。



01.3 Dyneema (UHMWPE) Webbing Slings (Endless & Eye-to-Eye)

Model No. 013–015

Made from Dyneema ultra-high-molecular-weight polyethylene: about 15× the strength of steel at equal weight, and at equal strength the same diameter as wire rope but almost an order of magnitude lighter. The sling is about 75% of the diameter and less than half the weight of an ordinary polyester sling. Non water-absorbing, cut-, acid-, alkali- and UV-resistant, with better flex and abrasion fatigue than wire rope — ideal for deep-sea and petrochemical duty.

WLL	Endless: 1 – 500 t · Eye-to-eye: 1 – 100 t	SAFETY FACTOR	6:1 / 7:1 (other factors on request)
WIDTH / THICKNESS	Endless: thickness 12 – 203 mm, width 12 – 380 mm · Eye-to-eye: thickness 12 – 80 mm, width 24 – 160 mm	LENGTH	Endless: min. 1.5 – 30 m · Eye-to-eye: min. 1.5 – 15 m · Max. 80 m
WORKING TEMP.	–40 °C to +80 °C	STANDARD	JB/T 8521.2 / EN 1492-2
MATERIAL	Dyneema (UHMWPE) ultra-high-molecular-weight polyethylene fibre with an abrasion-resistant jacket	COLOUR CODING	International colour code: violet 1 t / green 2 t / yellow 3 t / grey 4 t / red 5 t ... (each stripe ≈ 1 t)

Key features

- About 15× the strength of steel at equal weight — an excellent strength-to-weight ratio
- At equal strength the same diameter as wire rope, almost an order of magnitude lighter
- About 75% of the diameter and less than half the weight of a polyester sling — easier to handle
- Clearly better flex fatigue, tension fatigue and abrasion resistance than wire rope or other synthetic fibres
- Much lower elongation than polyester — improves lifting accuracy
- Smooth surface, no broken wires — removes the injury risk carried by wire rope slings

Applications

- Offshore & subsea: underwater lifting and platform work
- Petrochemical: pipes, vessels and offshore equipment
- Shipbuilding & ports: shipyard and quayside duty
- High-end manufacturing: weight- and strength-critical applications
- Steel: coils and sharp-edged items (with Dyneema jacket)

Table 1 · Dyneema Endless Round Slings (No. 014)

WLL 1000–500000 kg; max length 80 m

额定载荷 (Kg · lb)	近似厚度 (mm · in)	近似宽度 (mm · in)	最小长度 (m · ft)	最大长度 (m · ft)	重量 (Kg/m · lb/ft)
1000 2,205 lb	12 0.47 in	12 0.47 in	1.5 4.9 ft	80 262.5 ft	0.13 0.09 lb/ft
2000 4,409 lb	12 0.47 in	22 0.87 in	1.5 4.9 ft	80 262.5 ft	0.21 0.14 lb/ft
3000 6,614 lb	18 0.71 in	23 0.91 in	1.5 4.9 ft	80 262.5 ft	0.25 0.17 lb/ft
4000 8,818 lb	18 0.71 in	25 0.98 in	1.5 4.9 ft	80 262.5 ft	0.27 0.18 lb/ft
5000 11,023 lb	20 0.79 in	34 1.34 in	1.5 4.9 ft	80 262.5 ft	0.29 0.19 lb/ft
6000 13,228 lb	22 0.87 in	35 1.38 in	2.0 6.6 ft	80 262.5 ft	0.33 0.22 lb/ft
8000 17,637 lb	25 0.98 in	45 1.77 in	2.0 6.6 ft	80 262.5 ft	0.53 0.36 lb/ft
10000 22,046 lb	30 1.18 in	50 1.97 in	3 9.8 ft	80 262.5 ft	0.74 0.50 lb/ft
12000 26,455 lb	32 1.26 in	55 2.17 in	3 9.8 ft	80 262.5 ft	0.97 0.65 lb/ft
15000 33,069 lb	35 1.38 in	65 2.56 in	4 13.1 ft	80 262.5 ft	1.27 0.85 lb/ft
20000 44,092 lb	38 1.50 in	70 2.76 in	4 13.1 ft	80 262.5 ft	1.73 1.16 lb/ft
25000 55,116 lb	40 1.57 in	75 2.95 in	4 13.1 ft	80 262.5 ft	2.17 1.46 lb/ft
30000 66,139 lb	45 1.77 in	80 3.15 in	6 19.7 ft	80 262.5 ft	2.60 1.75 lb/ft
40000 88,185 lb	45 1.77 in	95 3.74 in	6 19.7 ft	80 262.5 ft	3.47 2.33 lb/ft
50000 110,231 lb	48 1.89 in	110 4.33 in	8 26.2 ft	80 262.5 ft	4.30 2.89 lb/ft
60000 132,277 lb	60 2.36 in	125 4.92 in	8 26.2 ft	80 262.5 ft	5.20 3.49 lb/ft
80000 176,370 lb	65 2.56 in	130 5.12 in	10 32.8 ft	80 262.5 ft	6.93 4.66 lb/ft
100000 220,462 lb	72 2.83 in	150 5.91 in	15 49.2 ft	80 262.5 ft	8.30 5.58 lb/ft
200000 440,925 lb	109 4.29 in	220 8.66 in	20 65.6 ft	80 262.5 ft	21.3 14.31 lb/ft
300000 661,387 lb	151 5.94 in	250 9.84 in	25 82.0 ft	80 262.5 ft	26.3 17.67 lb/ft
400000 881,849 lb	186 7.32 in	320 12.60 in	25 82.0 ft	80 262.5 ft	31.7 21.30 lb/ft
500000 1,102,311 lb	203 7.99 in	380 14.96 in	30 98.4 ft	80 262.5 ft	37.8 25.40 lb/ft

环型吊装带采用高性能纤维丝生产。重量仅为普通吊装带的 1/4，直径为普通吊装带的 1/2，即“大吨位、细带体”，在狭窄吊点与人工搬运场景优势明显。

Table 2 · Dyneema Eye-to-Eye Round Slings (No. 015)

WLL 1000–100000 kg; min length 1.5–15 m, max length 80 m

额定载荷 (Kg · lb)	近似厚度 (mm · in)	近似宽度 (mm · in)	最小长度 (m · ft)	最大长度 (m · ft)	重量 (Kg/m · lb/ft)
1000 2,205 lb	12 0.47 in	24 0.94 in	1.5 4.9 ft	80 262.5 ft	0.13 0.09 lb/ft
2000 4,409 lb	18 0.71 in	26 1.02 in	1.5 4.9 ft	80 262.5 ft	0.21 0.14 lb/ft
3000 6,614 lb	22 0.87 in	35 1.38 in	1.5 4.9 ft	80 262.5 ft	0.25 0.17 lb/ft
4000 8,818 lb	25 0.98 in	45 1.77 in	1.5 4.9 ft	80 262.5 ft	0.27 0.18 lb/ft
5000 11,023 lb	30 1.18 in	50 1.97 in	1.5 4.9 ft	80 262.5 ft	0.29 0.19 lb/ft
6000 13,228 lb	32 1.26 in	55 2.17 in	2.0 6.6 ft	80 262.5 ft	0.33 0.22 lb/ft
8000 17,637 lb	35 1.38 in	65 2.56 in	2.0 6.6 ft	80 262.5 ft	0.53 0.36 lb/ft
10000 22,046 lb	38 1.50 in	70 2.76 in	3 9.8 ft	80 262.5 ft	0.74 0.50 lb/ft
12000 26,455 lb	40 1.57 in	75 2.95 in	3 9.8 ft	80 262.5 ft	0.97 0.65 lb/ft
15000 33,069 lb	45 1.77 in	80 3.15 in	4 13.1 ft	80 262.5 ft	1.27 0.85 lb/ft
20000 44,092 lb	45 1.77 in	95 3.74 in	4 13.1 ft	80 262.5 ft	1.73 1.16 lb/ft
25000 55,116 lb	48 1.89 in	110 4.33 in	4 13.1 ft	80 262.5 ft	2.17 1.46 lb/ft
30000 66,139 lb	60 2.36 in	125 4.92 in	6 19.7 ft	80 262.5 ft	2.60 1.75 lb/ft
40000 88,185 lb	65 2.56 in	130 5.12 in	6 19.7 ft	80 262.5 ft	3.47 2.33 lb/ft
50000 110,231 lb	70 2.76 in	140 5.51 in	8 26.2 ft	80 262.5 ft	4.30 2.89 lb/ft
60000 132,277 lb	72 2.83 in	150 5.91 in	8 26.2 ft	80 262.5 ft	5.20 3.49 lb/ft
80000 176,370 lb	75 2.95 in	155 6.10 in	10 32.8 ft	80 262.5 ft	6.93 4.66 lb/ft
100000 220,462 lb	80 3.15 in	160 6.30 in	15 49.2 ft	80 262.5 ft	8.30 5.58 lb/ft

选型对照：同吨位下环眼型的厚度、宽度比环型略大（例：1T 环型 12×12 mm → 环眼型 12×24 mm；50T 环型 48×110 mm → 环眼型 70×140 mm），但每米重量一致，可按吊点形式直接互换选型。



01.4 Fire-Resistant Flexible Webbing Slings (Endless & Eye-to-Eye)

Model No. 016–017

Flexible round slings with a flame-retardant, heat-resistant outer protection for welding, cutting and metallurgical environments where sparks and radiant heat are present. A high-tenacity fibre core keeps the sling soft and load-conforming, rated 1–20 t over a full size range.

WLL	1 – 20 t (No. 016 endless / No. 017 eye-to-eye)	SAFETY FACTOR	6:1 (other factors on request)
WIDTH / THICKNESS	Thickness 4 – 24 mm · Width 30 – 150 mm (by capacity, see tables)	LENGTH	Min. 1.5 – 3.0 m by capacity · Max. 80 m
WORKING TEMP.	–40 °C to +100 °C (flame-retardant sheath resists sparks and short-term high temperature)	STANDARD	Flame-retardant, heat-resistant / JB/T 8521 · Safety factor 6:1
MATERIAL	High-tenacity polyester core with a flame-retardant, heat-resistant outer sheath	COLOUR CODING	International colour code: violet 1 t / green 2 t / yellow 3 t / grey 4 t / red 5 t ... (each stripe ≈ 1 t)

Key features

- Flame-retardant, heat-resistant outer sheath for welding, cutting and metallurgical sparks
- High-tenacity fibre core — soft and load-conforming without damage
- Rated 1–20 t with a full size range
- Shock-absorbing, non-corrosive and non-conductive
- Colour-coded by WLL; identifiable even when damaged
- Available as endless or eye-to-eye type

Applications

- Steel & metallurgy: ladles, billets and hot-rolled stock
- Welding and cutting stations with sparks and radiant heat
- Foundry & forging: hot workpieces
- Petrochemical: maintenance and hot-pipe duty
- Ship repair: lifting in hot-work areas

Table 1 · Fire-Resistant Endless Round Slings (No. 016)

WLL 1–20 t; max length 80 m; safety factor 6:1

额定载荷 (Kg · lb)	近似厚度 (mm · in)	近似宽度 (mm · in)	最小长度 (m · ft)	最大长度 (m · ft)	重量 (Kg/m · lb/ft)
1000 2,205 lb	4 0.16 in	30 1.18 in	1.5 4.9 ft	80 262.5 ft	0.28 0.19 lb/ft
2000 4,409 lb	5 0.20 in	40 1.57 in	1.5 4.9 ft	80 262.5 ft	0.42 0.28 lb/ft
3000 6,614 lb	6 0.24 in	50 1.97 in	1.5 4.9 ft	80 262.5 ft	0.50 0.34 lb/ft
4000 8,818 lb	7 0.28 in	60 2.36 in	1.5 4.9 ft	80 262.5 ft	0.56 0.38 lb/ft
5000 11,023 lb	8 0.31 in	70 2.76 in	1.5 4.9 ft	80 262.5 ft	0.60 0.40 lb/ft
6000 13,228 lb	9 0.35 in	75 2.95 in	2.0 6.6 ft	80 262.5 ft	0.70 0.47 lb/ft
8000 17,637 lb	11 0.43 in	80 3.15 in	2.0 6.6 ft	80 262.5 ft	0.80 0.54 lb/ft
10000 22,046 lb	13 0.51 in	90 3.54 in	2.0 6.6 ft	80 262.5 ft	1.50 1.01 lb/ft
12000 26,455 lb	14 0.55 in	100 3.94 in	3.0 9.8 ft	80 262.5 ft	2.24 1.51 lb/ft
15000 33,069 lb	16 0.63 in	110 4.33 in	3.0 9.8 ft	80 262.5 ft	2.66 1.79 lb/ft
20000 44,092 lb	18 0.71 in	125 4.92 in	3.0 9.8 ft	80 262.5 ft	3.64 2.45 lb/ft

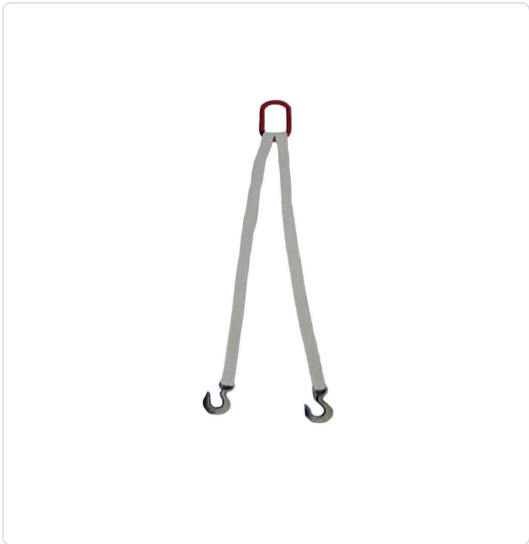
环型结构无两端接头，外包阻燃层可抵御焊接火花与短时高温飞溅，适用于冶金、铸造、焊接工位。

Table 2 · Fire-Resistant Eye-to-Eye Round Slings (No. 017)

WLL 1–20 t; max length 80 m; safety factor 6:1

额定载荷 (Kg · lb)	近似厚度 (mm · in)	近似宽度 (mm · in)	最小长度 (m · ft)	最大长度 (m · ft)	重量 (Kg/m · lb/ft)
1000 2,205 lb	10 0.39 in	40 1.57 in	1.5 4.9 ft	80 262.5 ft	0.30 0.20 lb/ft
2000 4,409 lb	11 0.43 in	50 1.97 in	1.5 4.9 ft	80 262.5 ft	0.45 0.30 lb/ft
3000 6,614 lb	12 0.47 in	60 2.36 in	1.5 4.9 ft	80 262.5 ft	0.60 0.40 lb/ft
4000 8,818 lb	14 0.55 in	70 2.76 in	1.5 4.9 ft	80 262.5 ft	0.80 0.54 lb/ft
5000 11,023 lb	18 0.71 in	75 2.95 in	1.5 4.9 ft	80 262.5 ft	1.03 0.69 lb/ft
6000 13,228 lb	19 0.75 in	80 3.15 in	2.0 6.6 ft	80 262.5 ft	1.19 0.80 lb/ft
8000 17,637 lb	20 0.79 in	90 3.54 in	3.0 9.8 ft	80 262.5 ft	1.54 1.03 lb/ft
10000 22,046 lb	21 0.83 in	100 3.94 in	3.0 9.8 ft	80 262.5 ft	2.10 1.41 lb/ft
12000 26,455 lb	22 0.87 in	110 4.33 in	3.0 9.8 ft	80 262.5 ft	2.38 1.60 lb/ft
15000 33,069 lb	23 0.91 in	125 4.92 in	3.0 9.8 ft	80 262.5 ft	2.80 1.88 lb/ft
20000 44,092 lb	24 0.94 in	150 5.91 in	3.0 9.8 ft	80 262.5 ft	3.90 2.62 lb/ft

环眼型两端为环眼，便于挂钩与卸扣直接挂接；同吨位下厚度、宽度略大于环型。



01.5 High-Strength Pickling Webbing Slings (Acid & Alkali Resistant)

Model No. 030–034

A wide, flat contact face that protects the load, combined with good acid and alkali resistance — ideal for coated and plastic products, machine tools and surface-treated or anti-corrosion pipes. A dependable choice for electroplating and coating lines, rated 0.5–20 t in a full size range.

WLL	0.5 – 20 t (1 – 20 t standard; 0.5 t also available)	SAFETY FACTOR	6:1 (other factors on request)
WIDTH / THICKNESS	Approx. width 40 – 300 mm (by capacity, see table)	LENGTH	Customised to requirement
WORKING TEMP.	–40 °C to +100 °C	STANDARD	JB/T 8521-1997 · Acid- and alkali-resistant
MATERIAL	High-tenacity polyester / acid- and alkali-resistant high-strength fibre (surface-treatment grade)	COLOUR CODING	International colour code: violet 1 t / green 2 t / yellow 3 t / grey 4 t / red 5 t ... (each stripe ≈ 1 t)

Key features

- Acid and alkali resistant — suited to pickling, plating and phosphating lines
- Wide, flat contact face protects the workpiece surface and coating
- 5 item numbers: single slings plus 2-, 3- and 4-leg assemblies
- White body makes acid contamination and ageing easy to spot
- Custom WLL, length and number of legs

Applications

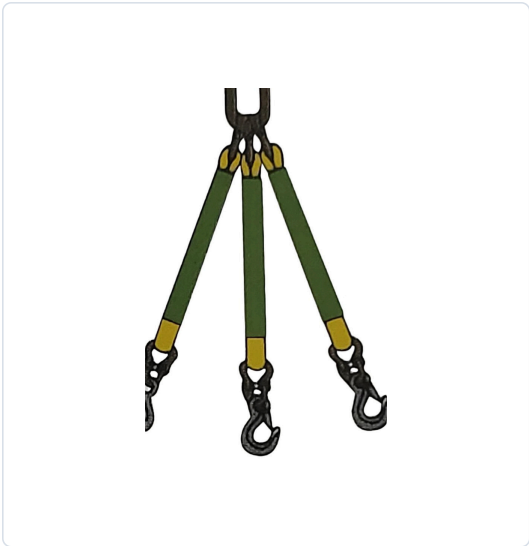
- Electroplating: plated parts and jigs
- Coating & surface treatment: coated parts and anti-corrosion pipes
- Plastic and coated products: moulded and coated parts
- Machine tools: equipment and components
- Chemical plants: acid- and alkali-resistant duty

Table 1 · Pickling Sling WLL vs. Width (No. 030–034)

0.5 t available on request; length and number of legs to order

额定载荷	1T	2T	3T	4T	5T	8T	10T	15T	20T	近似宽度 (mm)	40	50	60	80	100	120	150	200	300
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宽度直接对应吨位，不做跨档替代。酸洗工况下的酸液浓度、温度与浸泡时间会影响带体寿命，建议定期检查并在出现变色、发硬、纤维剥落时立即停用。



01.6 Webbing Sling Assemblies (1-, 2-, 3- & 4-Leg Combinations)

Model No. 039–042

A four-part assembly — master link, connecting shackle, webbing sling and metal end fitting — freely combined to suit the lift. Master links: long link, round ring or combined ring (master with sub-ring); shackles: bow type or chain connecting shackle (butterfly type); sling body: high-tenacity flat webbing or flexible round sling; end fittings: eye, self-locking, swivel and other safety hooks plus special metal parts. Standard safety factor 4:1, with 5:1 and 6:1 available.

WLL	1 – 20 t (single leg 1 – 10 t; up to 20 t in multi-leg assemblies)	SAFETY FACTOR	4:1 standard; 5:1 and 6:1 available
WIDTH / THICKNESS	Depends on the sling body selected	LENGTH	Custom leg lengths
WORKING TEMP.	–40 °C to +100 °C	STANDARD	EN 1492 (sling assemblies)
MATERIAL	High-tenacity polyester slings with forged master links, shackles and hooks	COLOUR CODING	As per the sling body selected

Key features

- Four-part assembly — master link, connecting shackle, sling and metal end fitting — supplied as one matched set
- Master links: long link, round ring or combined ring (master with sub-ring)
- Shackles: bow type or chain connecting shackle (butterfly type)
- Sling body: high-tenacity flat webbing or flexible round sling
- End fittings: eye, self-locking, swivel and other safety hooks plus special metal parts
- 1-, 2-, 3- and 4-leg combinations, models 039–042; standard SF 4:1, with 5:1 and 6:1 available

Applications

- Port & logistics: multi-leg cargo lifts
- Machinery & installation: equipment and dies on multi-leg rigs
- Wind power: components on multi-leg rigs
- Shipbuilding & offshore operations
- Steel & metallurgy: plates and sections

产品配置与编号

Four parts — master link, connecting shackle, webbing sling and metal end fitting — freely combined to suit the lift.

配置项 / Item	可选形式与说明 / Options	产品组成Composition	主吊环 + 连接卸扣 + 吊装带 + 金属末端件，四部分组成；可根据客户需求自由优化组合
		主吊环Master Link	长吊环、圆吊环、组合环（母环带子环）等
		连接卸扣Connecting Shackle	弓形卸扣、链条连接卸扣（蝴蝶扣）等
		吊装带主体Sling Body	高强扁平吊装带 或 柔性（圆形）吊装带
		金属末端件Metal End Fitting	眼型钩、自锁钩、旋转钩等安全吊钩，及其它专用金属件
		细分型号Model No.	单组合 039 · 二组合 040 · 三组合 041 · 四组合 042
		安全系数Safety Factor	标准 4:1；另可根据客户需求生产 5:1、6:1

数据源自江苏有为官方样本册（P.15 吊装带成套索具）。

额定工作载荷表（WLL）

Based on 1T / 2T / 3T / 5T / 8T / 10T single-leg slings; multi-leg ratings already include the angle factor.

组合形式与角度	单腿基准 1T	单腿基准 2T	单腿基准 3T	单腿基准 5T	单腿基准 8T	单腿基准 10T	单组合编号 039 · 垂直直吊 1.0×	1.0 T	2.0 T	3.0 T	5.0 T	8.0 T	10.0 T
2 组合编号 040 · 45° 角 1.4×							1.4 T	2.8 T	4.2 T	7.0 T	11.2 T	14.0 T	
2 组合编号 040 · 90° 角 1.0×							1.0 T	2.0 T	3.0 T	5.0 T	8.0 T	10.0 T	
3 组合编号 041 · 45° 角 1.5×							1.5 T	3.0 T	4.5 T	7.5 T	12.0 T	15.0 T	
4 组合编号 042 · 45° 角 2.0×							2.0 T	4.0 T	6.0 T	10.0 T	16.0 T	20.0 T	

在使用过程中请严格注意多腿夹角与承载吨位的折减关系，严禁吊装角度超过 60°，且应确保负载均匀分布在每条腿上，严禁单根吊带偏载受力。

SAFE USE & INSPECTION

Mandatory rules (Prohibited uses)

1. Never overload the sling.
2. With two slings, seat both directly in the double hook and load symmetrically; with four slings, hook two into each double hook — never overlap or squeeze them together.
3. Never knot, twist, cross or wind the sling; join it only with proper connecting fittings.
4. Seat the sling in the load-bearing centre of the hook — never on the hook point.
5. Always fit sleeves or corner protectors at sharp edges and corners; never drag the sling across rough surfaces.
6. For round and flat slings the eye opening angle must never exceed 20°, to avoid tearing at the eye.
7. For multi-leg assemblies the included angle must never exceed 60°; never load a single leg — distribute the load evenly over every leg.
8. Never place objects on top of a sling, and never pull a sling out from under a load by force.
9. When lifting pipes and tubes, avoid excessive sling angles.
10. After use, coil and hang the sling for storage; do not drag it along the ground or over rough surfaces.

Mandatory discard criteria

If any of the above is found, stop using the sling immediately and scrap it. Never repair a sling and return it to lifting service.

1. The body is cut, badly abraded, the yarns have loosened, or it is partly torn.
2. Heavy surface wear or abnormal deformation and fuzzing — wear reaching 1/10 of the original width (or thickness).
3. The synthetic fibre has softened or aged (yellowing), the surface is rough, fibres shed, elasticity is reduced or strength is lost.
4. Mildew, acid or alkali burns, heat melting or scorching, or several loose or corroded areas.
5. Metal fittings of an assembly are badly dented, and the deformation affects use.
6. Metal fittings of an assembly are heavily corroded, and the corrosion affects use.

COMMERCIAL TERMS

Order, packing and delivery

Item	Term	Remark
MOQ	100 pcs per model	Mixed colours and sizes negotiable for standard items
Lead time	3 – 5 days ex stock	15 – 25 days for custom (depending on capacity and process)
Incoterms 2020	FOB / CIF / EXW	FOB Shanghai by default; DAP negotiable
Port of loading	Shanghai	Port of Shanghai, China
Payment	T/T 30% deposit + 70% against B/L copy	L/C at sight for orders of USD 10,000 and above
Packing	Woven bag + pallet	Export wooden case optional, IPPC fumigated
Warranty	12 months	Against manufacturing defects under normal use
HS code	5607.50	Subject to final confirmation by customs / forwarder

The above are reference terms under normal conditions and are confirmed in the contract. Non-standard capacities, special end fittings and third-party certification (DNV, ABS, classification society survey) are quoted separately.

YOWAYSLING 有为索具

Get a quotation in 24 hours

Send us the WLL, length, end fittings, quantity and the lifting method — we will come back with a full proposal, drawings if needed, and a production schedule.

Request a quotation →

or write to sales@yowaysling.com

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WEBSITE

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FACTORY

Taizhou, Jiangsu, China

PORT OF LOADING

Port of Shanghai

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