SLINGTEK

W.L.L.

www.slingtek.com

An ISO 9001:2015 Certified Company

INTRODUCTION

We have immense pleasure to bring to you the latest edition of our catalog showcasing the products we manufacture for the lifting and the rigging industry.

Slingtek WLL forms a part of a family owned business group having diversified interests in the field of investments, industrial trading, mechanical engineering and manufacturing over the past three decades in the Kingdom of Bahrain.

With emphasis on manufacturing high quality products and meeting stringent safety standards, we are the first of its kind manufacturing facility in the Kingdom of Bahrain, serving various sectors such as oil and gas, construction, industrial, shipping, steel and offshore.

We provide customized solutions to our clients in the field of lifting and rigging, height safety and fall protection systems, industrial inspection services and, testing and training services.

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QUALITY CONTROL

The lifting and the rigging industry is a very diversified work environment that demands highest safety during lifting operations due to high risks involved. That is exactly why we have maximum focus on safety and quality on every product that we manufacture. All products manufactured by Slingtek are certified, and meet all international standards.

Being an ISO 9001:2015 certified company, all manufacturing processes are carefully monitored by stringent quality checks and controls and every batch of raw material is inspected and tested for any defects before being issued to production.

Accreditations

LEEA
Full Member

L.E.E.A: - The lifting Equipment Engineers Association is established across the globe as the leading representative body for all those invovled in the lifting industry worldwide - We are Full Members of the association.

TÜV NORD
TÜV Middle East
ISO 9001

We are proud to have upgraded our certification to the new ISO 9001:2015 which falls in line with our quality management systems and processes. Through this certification, Slingtek ensures its focus on Quality Awareness throughout its management and operations department.

Third Party Testing and Certification

Although all our products meet the required international standards and follow strict quality control, we provide our clients an option of Third Party Inspections and Certifications. These can be arranged prior to shipments by any third party inspection agency chosen by client or us.

Resources Information for Safe Use of Lifting Slings

Quality and Safety are utmost priority at Slingtek and therefore we strive to ensure that you are properly informed and carry sufficent knowledge about the lifting slings you use at your workplace.

Following resources are used regarding safety and safe use of lifting slings, but are not limited to:

1. BS EN 818-4: Short Link Chain For Lifting Purposes, Chain Sling, Grade 8
2. BS EN 1492-1: Textile Slings: Flat Woven Wedding Slings for General Prupose
3. BS EN 13414-1: Steel Wire Rope Slings, Slings for General Lifting Service
4. BS EN 12195-2: Load Restraint Assemblies on Road Vehicles, Web Lashings
5. BS ASME B30.9: Synthetic Web Slings, selection, use and maintenance

Quality Policy

SLINGTEK W.L.L is committed to the manufacture & supply of textile lifting slings, wire rope slings, ratchet tie downs and chain slings in the Kingdom of Bahrain, to the complete satisfaction of each and every customer and thus achieve leadership in market as a reputed and reliable supplier.

We commit ourselves to achieve this by:

- Achieving production commitments on time as well as satisfying customer requirements consistently and cost effectively.
- Promoting Quality Management System awareness and understanding throughout the organization in line with the goals and objectives of the organization.
- Continually improving our processes, products and services in a sustainable manner as well as utilizing best available manufacturing technologies.
- Adhering and complying with the discipline and standard with respect to ministerial regulations in a socially responsible manner.
- Communicating the policy to employees and other interested parties with emphasis on their individual QMS obligations, as well as providing training to our staff for improving their competency.
- Aim to enhance customer satisfaction by providing value added products and services.

Slingtek Warranty Information

Slingtek WLL issues a ***"Declaration of Conformity"*** and warrants that its lifting slings are free from defects in material and workmanship normal consumer usage for the period of first twelve (12) months of said product's purchase. However, this warranty applies only to new products; and does not apply to any defects caused by normal wear and tear, accident, and / or products that have been modified, repaired or misused. Any repairs or alterations to the product will cease the validity of warranty.

INSTRUCTIONS FOR SAFE USE

General Instruction for Safe Use of Lifting Sling

The following informtion is based on Section 1 - Appendix 1.5 - of the LEEA Code of Practice for the safe Use of Lifting Equipment. It should be read in conjuction with the instructions for the safe use, give overlead, of which it forms an intergral part and wih any specific instructions issued by the supplier.

This information is of a general nature only covering the main points for the safe use of various types of slings for general lifting purposes

ALWAYS

- Plan the lift, establish the weight of the load and prepare the landing are ensuring that it will take the weight.
- Check slings and equipment are free of damage, use slings/slinging methods suitable for the load and protect slings from sharp edges and corners.
- Attach the sling securely to the load and appliance and position hooks to face outwards.
- Ensure the load is balanced and will not tilt or fall.
- Keep fingers, toes etc clear when tensioning slings and when landing loads.
- Ensure that the load is free to be lifted.
- Make a trial lift and trial lower.

NEVER

- Use damanged slings or accessories.
- Twist, Knot or lie slings.
- Hammer slings into position.
- Overload slings due to the weight of the load or the mode of use.
- Trap slings when landing the load.
- Drag slings over floors etc or attemps to pull trapped slings from under loads.
- Allow personnel to ride on loads.

Sling Configurations and Rating

Slings are available in single, two, three and four leg or endless form. In practice it will be found that chain., wire rope and fiber rope slings are available in any of these configurations but that flat woven webbing is limited to singe leg and enfless whilst roundslings are only supplied in endless form. The maximum load that a sling may lift in use will be governed by the slinging arrangement (mode of use) and may vary from the marked SWL''' in the case of textile slings the SWL for the various moades of use is usually given on the information label. In other cases, it is necessary to multiply the marked SWL by a mode factor.

The following three simple rules will ensure that the sling is not overloaded. In some cases, this will mean that the sling will be under utilised although this is unlikely to hinder the user unduly. Where the maximum utilisation is required reference should be made to a competent person who understands the factos involved and who can perform the necessary calculations.

1) For straight lift never exceed the marked SWL and in the case of multi leg slings the specified angle or range of angles.
2) When using slings in choke hitch multiply the marked SWL by the 0.8 to obtain the reduced maximum load the sling may lift i.e. reduce the safe working load by 20%.
3) With multi-lef slings, when nusing less than the full number of legs, reduce the maximum load in proportion to the number of legs in use. Simply multiply the marked SWL by the number of lefs in use expressed as a fraction of the total thus: one leg of a tw leg sling =1/2, ,marked SWL, three legs of a four leg sling = 3/4, marked SWL and so on.

Operative Training

Slings should only be used by trained operatives who understand the methods or rating and application of mode factor.***

Safe use of Slings

- Good slinging practice must ensure that the load is as safe and secure in the air as it was on the ground and that no harm is done to the load, lifting equipment other property or persons.

- Establish the weight of the load, ensure the lifting method is suitable and inspect the sling and attachements for obvious defects. Prepare the landing area making suer the floor is strong enough to take the load. Follow any specific instructions from the supplier.

- Ensure the lifting points over the center of gravity. Any loose parts of the load should be removed or secured. Secure the sling firmly to the load by hooks onto lifting points or shackles etc. The sling must not be twisted, knotted or kinked in anyway.

- Use packing to prevent damage to the sling from corners or edges and to protect the load.

- Do not exceed the SWL or rated angle. Any choke angle must not exceed 120^{o} and any basked 90^{o}.

- Do not hammer, force or wedge slings or accessories into position; they must fit freely.

- When attaching more than one sling to the hook of the appliance use a shackle to join the slings and avoid overcrowding the hook.

- Use an established rode of signals to instruct the crane driver.

General Instructions for Safe Use of Web Lashings

This document is issued in accordance with the requirements of Section 6 of the Health and Safety at Work etc Act 1974, amended March 1988. This information is of a general nature only covering the main points for the safe use of Web Lashings made from man-made fiber. It may be necessary to supplement this information for specific applications. See also the general guidance on load restraint, given overleaf.

ALWAYS

- Inspect web lashings befure use.
- Calculate the lashing force(s) required for the chosen method of load restraint
- Select the capacity and number of web lashings to provide at least the calculated lashing force(s)
- Ensure the lashing points on the vehicle and/or load are of adequate strength.
- Position the web lashing so that the load is uniformly spread over its width and protect the web lashing from small radil, especially sharp edges
- Excerice care when releasing web lashings in case the load has become unstable since the lashings were applied.

NEVER

- Use web lashing to lift a load.
- Knot or tie web lashings.
- Overload web lashings.
- Use web lashings over a sharp edge without edge protection
- Expose web lashings to direct hear or flames.
- Expose web lashings to chemicals without consulting the supplier.
- Use web lashings which are cut, have loose or damaged stitching, a damaged tensioner or terminal fittings.

Selecting the Correct Web Lashing

The standard for web lashings is BS EN 12195-2: 2001. Web lashing are available in a range of capacities and lenghts and in various configurations. Some are general purpose. Others are intended for specific applications such as securing cars by their wheels.

Selection should start with an assessement of the forces acting on the load. The lashing force(s) required should be calcualted in accordance with BS EN 12195-1: 2010. Next check whether the lashing points on the vehicle and/or load are of adequate strength. If necessary apply a greater number of lashings to spread the force accross more lashing points. Web lashings are marked with their lashing capacity (LC), expressed in daN (deca Newton = 10 Newtons). This is a force approximately equivalent to a weight of 1kg.

Using Web Lashings Safely

Ensure that the tensioner is free to align an dnot bent over an edge. Ensure that the webbing is not twisted or knotted and that the terminal fittings engage correctly with the lashing points. Ensure that the webbing is loaded evenly accross its width and protected from sharp and small radius edges by suitable sleeves or edge protectors.

Checking the tension after travelling a short distance is recommended. Ensure that the wedding is protected against source of friction, abrasion and heat.

In-Service Inspection & Storage

Web lashings can easily be damaged by tensioning the webbing across small radius edges or loading the edge of the webbing instead of ensuring the load is spread over its full width. Avoid this by correct placement of the web lashing and the use of protective sleeves and edge protection. However damange may occur accidently as a result of the load moving in transit hence the need to inspect before each use.

Web lashings may accidentally be exposed to chemicals. Most are manufactured from polyester which is resistant to moderate strength acids but its damaged by alkalis. Weak chemical solutions will become increasingly stronger by evaporation. If appropriate, the webbing may be cleaned with clear water and allowed to dry naturally. Never force dry web lashings.

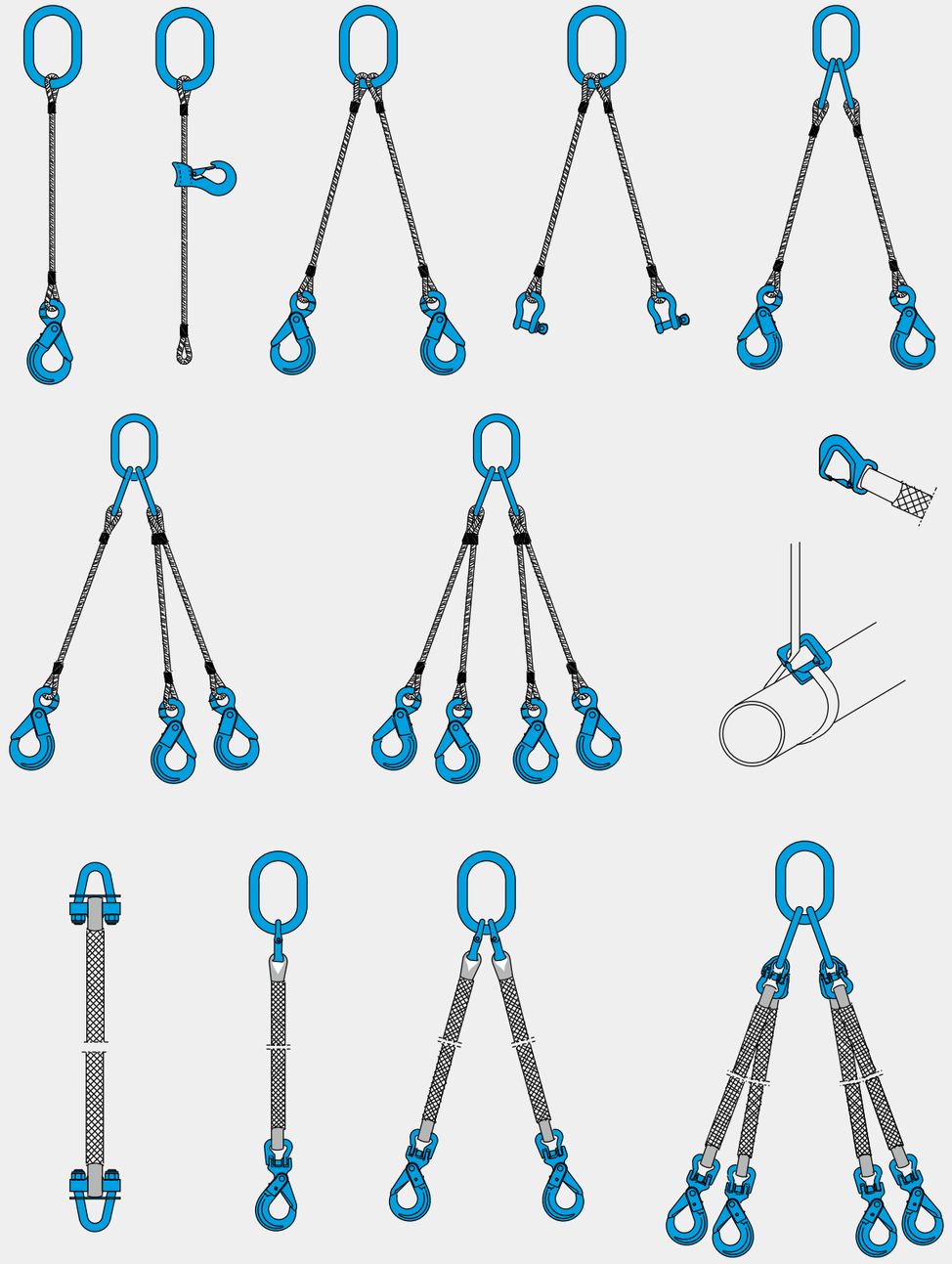
Web lashings should be inspected for obvious signs of damage before each use. Do not use the web lashing if any of the following defects are found: illegible markings; damaged; chaggged or cut webbing; damaged or loose stitching; heat damage; burns; chemical damage; solar degradation; damaged or deformed end fittings.

Web lashings will deteriorate gradually over time due to normal wear. The LEEA recommends that they should be inspected by a competent peron at least every 6 months and a record made of the result.

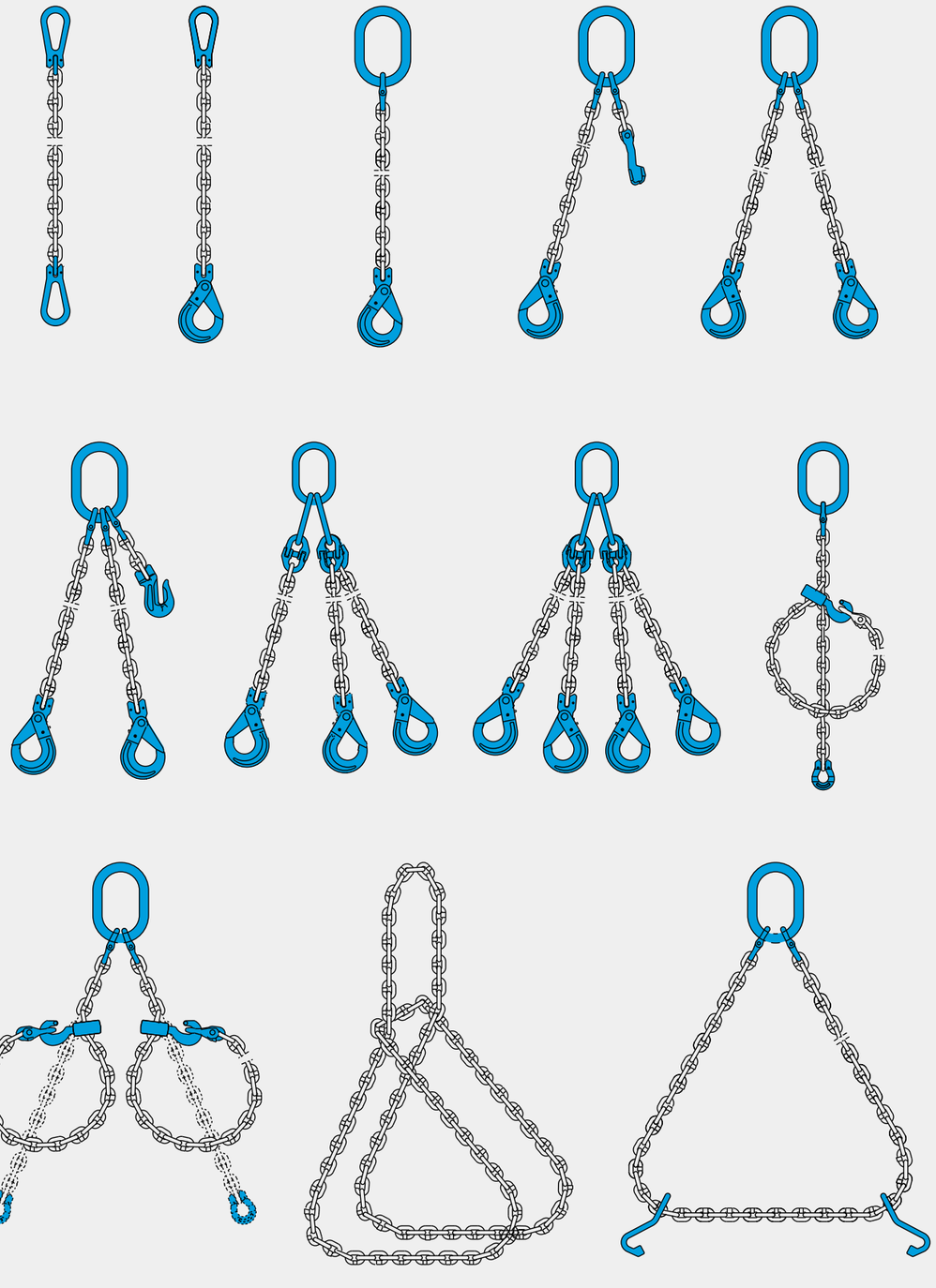
Web lashings should only be repared by someone competent to do so. For long term storage the storage area should be dry, clean, free of any contaminates and shaded from direct sunlight.

MANUFACTURING PROGRAM

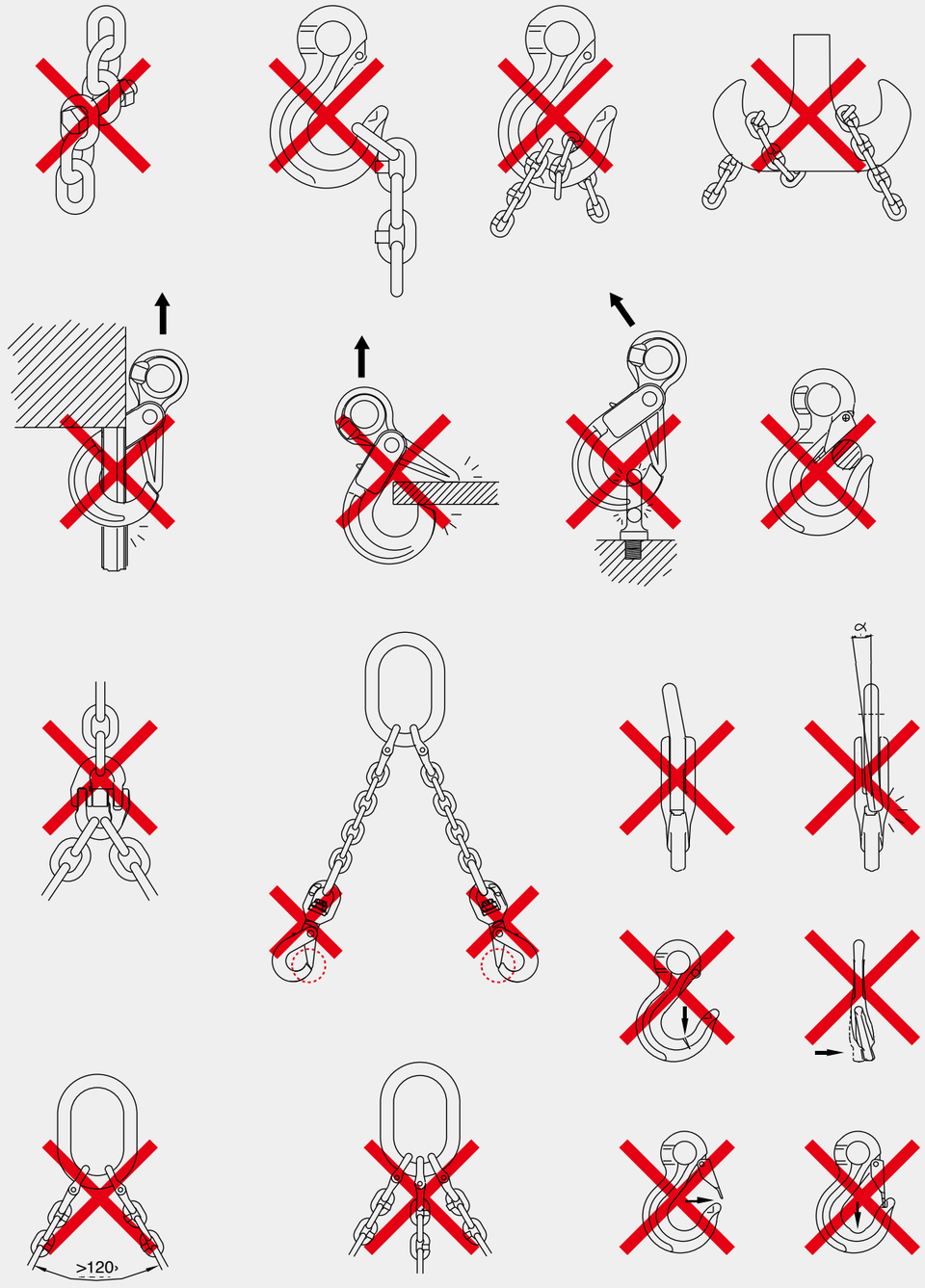
Examples Of Wire Rope Sling & Web Sling



Examples Of Chain Slings



Incorrect Use



TEXTILE LIFTING SLINGS

Flat Web Slings

Polyester webbing slings are the best alternative to chain slings are wire rope slings. They are lighter in weight and do not harm the job. They are highly flexible and can be used for lifting fragile loads. We manufacture flat webbing slings from high tenacity polyester webbing conforming to EN 1492-1 in two ply.

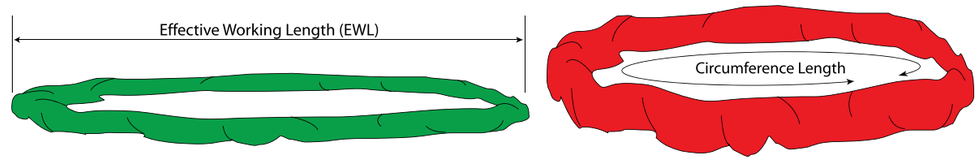
Various configurations are available ranging from one leg to four leg with use of links and end fitting hooks.

Web sling load chart - Safety Factor 7:1 as per EN 1492-1

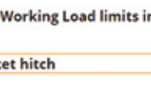
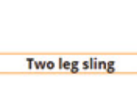
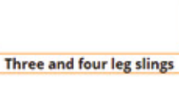
WLL of sewn webbing component	Colour of sewn webbing component	Working Load limits in tonnes								
		Straight lift	Choked lift	Basket hitch			Two leg sling		Three and four leg slings	
										
										
					β=0 to 45°	β=45° to 60°	β=0 to 45°	β=45° to 60°	β=0 to 45°	β=45° to 60°
		M=1	M=0,8	M=2	M=1,4	M=1	M=1,4	M=1	M=2,1	M=1,5
1,0	Violet	1,0	0,8	2,0	1,4	1,0	1,4	1,0	2,1	1,5
2,0	Green	2,0	1,6	4,0	2,8	2,0	2,8	2,0	4,2	3,0
3,0	Yellow	3,0	2,4	6,0	4,2	3,0	4,2	3,0	6,3	4,5
4,0	Grey	4,0	3,2	8,0	5,6	4,0	5,6	4,0	8,4	6,0
5,0	Red	5,0	4,0	10,0	7,0	5,0	7,0	5,0	10,5	7,5
6,0	Brown	6,0	4,8	12,0	8,4	6,0	8,4	6,0	12,6	9,0
8,0	Blue	8,0	6,4	16,0	11,2	8,0	11,2	8,0	16,8	12,0
10,0	Orange	10,0	8,0	20,0	14,0	10,0	14,0	10,0	21	15,0
Over 10,0	Orange									

Round Slings

Round slings are endless flexible slings consisting of a load bearing yarn, completely enclosed in a polyester woven cover. These are most basic type of slings and yet they offer great flexibility and versatility.



Round Sling load chart - Safety Factor 7:1 as per EN 1492-2

WLL of sewn webbing component	Colour of sewn webbing component	Working Load limits in tonnes								
		Straight lift	Choked lift	Basket hitch			Two leg sling		Three and four leg slings	
										
					β=0 to 45°	β=45° to 60°	β=0 to 45°	β=45° to 60°	β=0 to 45°	β=45° to 60°
		M=1	M=0,8	M=2	M=1,4	M=1	M=1,4	M=1	M=2,1	M=1,5
1,0	Violet	1,0	0,8	2,0	1,4	1,0	1,4	1,0	2,1	1,5
2,0	Green	2,0	1,6	4,0	2,8	2,0	2,8	2,0	4,2	3,0
3,0	Yellow	3,0	2,4	6,0	4,2	3,0	4,2	3,0	6,3	4,5
4,0	Grey	4,0	3,2	8,0	5,6	4,0	5,6	4,0	8,4	6,0
5,0	Red	5,0	4,0	10,0	7,0	5,0	7,0	5,0	10,5	7,5
6,0	Brown	6,0	4,8	12,0	8,4	6,0	8,4	6,0	12,6	9,0
8,0	Blue	8,0	6,4	16,0	11,2	8,0	11,2	8,0	16,8	12,0
10,0	Orange	10,0	8,0	20,0	14,0	10,0	14,0	10,0	21	15,0
Over 10,0	Orange									

Eye Types For Web Slings

Three different eye types can be made according to customers' requirements

Specialty Slings

Drum Handling slings: These are used to handle and lift drums at various work sites. The sling is designed in a way to make handling of such drums easier and quicker.

Marine Slings (Boat Lifting Slings): We specialize in marine slings which can be made to customers requirements and specifications. Customers can choose from different ordering options such as extra support eyes, lifting eye treatments, extra sling protections etc...

Glass Handling / Lifting Slings: Glass handling is a delicate and a high risk job, wherein the user is exposed to the risk of a breaking glass. We manufacture safe glass handling slings with extra eyes for sides protection and fully customized based in clients specifications. These also come with extra rubber pads to avoid slings being out.

Wide body slings: Extra wide body slings can be made for wide-bodied loads to cover a wider surface area.

Performance Characteristics

Low elongation

Light weight and extremely flexible

Long life with excellent abrasion resistance

Temperature resistant from -40^0 C to 100^0 C

Excellent resistance against most substances such as: oils, lubricants, sea water, alcohol, soaps etc

International Color coding as per European Norms (EN)

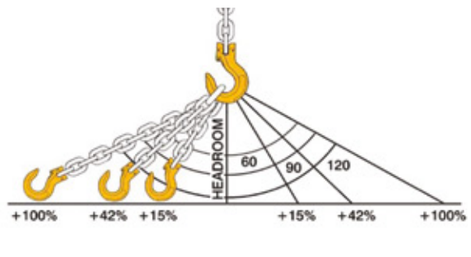
Each sling is individually wrapped with a "Manufacturers Certificate of Conformity"

Various Eye types as per requirements

CHAIN SLINGS

Alloy Chain Sling are usually the best choice when working under rugged and hot weather conditions such as construction sites. They are durable, long lasting and easy to inspect. The main advantage with chain slings is that they can easily be reparied if any damaged component or link is found during inspection. We manufacture chain slings conforming to **BS EN 818-4.**

The distance between the crane hook and the load is known as the "Head Room". If a specific head room is required, the "Reach" of the chain sling must increase as the angle between the legs increases as shown below.



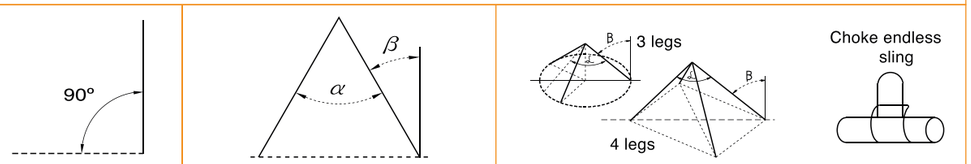
The reach of a chain sling is the distance between bearing points of the upper and lower terminal fittings. This distance, commonly known as the "Bearing to Bearing" should be quoted when ordering slings. Shortening clutches may be fitted to a sling, making the reach adjustable, hence increasing the versatility of the sling.

Uniform load method of rating BS EN 818-4

All general purposes slings should be rated by the uniform load method as shown in the table below.

Grade 100 Chain Sling Components

WORKING LOAD LIMITS IN TONNES acc. to PAS 1061

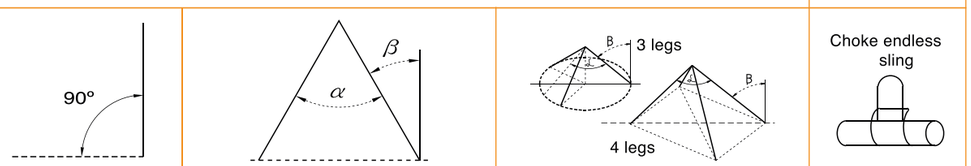


Load Factor	1	1.4	1	2.1	1.5	1.6
For Chain Size mm	tonnes	β0 - 45° α0 - 90°	45° - 60 ° 90°-120 °	β0 - 45° α0 - 90°	45° - 60 ° 90°-120 °	
6	1.4	2.0	1.4	2.9	2.1	2.2
7	1.9	2.7	1.9	4.0	2.9	3.0
8	2.5	3.5	2.5	5.3	3.8	4.0
10	4.0	5.6	4.0	8.4	6.0	6.4
13	6.7	9.4	6.7	14.1	10.1	10.7
16	10.0	14.0	10.0	21.0	15.0	16.0
20	16.0	22.4	16.0	33.6	24.0	25.6
22	19.0	26.5	19.0	39.9	28.5	30.4
26	26.5	37.1	26.5	55.7	39.8	42.4
32	40.0	56.0	40.0	84.0	60.0	64.0

**Safety factor 4:1 above limits are valid for standard use and equally loaded slings. Properly use and maintaince of your chain slings will give long life and enable you to carry out your lifting operations efficiently and safely.
Warning: Never exceed a vertical sling angle of 60°

Grade 80 Chain Sling Components

WORKING LOAD LIMITS IN TONNES acc. to EN 1677



For Chain Size mm	tonnes	β0 - 45° α0 - 90°	45° - 60 ° 90°-120 °	β0 - 45° α0 - 90°	45° - 60 ° 90°-120 °	
6	1.12	1.6	1.12	2.36	1.7	1.8
7	1.5	2.12	1.5	3.15	2.24	2.5
8	2.0	2.8	2.0	4.25	3.0	3.15
10	3.15	4.25	3.15	6.7	4.75	5.0
13	5.3	7.5	5.3	11.2	8.0	8.5
16	8.0	11.2	8.0	17.0	11.5	12.5
19	11.2	16.0	11.2	23.6	17.0	18.0
20	12.5	17.0	12.5	26.5	19.0	20.0
22	15.0	21.2	15.0	31.5	22.4	23.6
26	21.2	30.0	21.2	45.0	31.5	33.5
32	31.5	45.0	31.5	67.0	47.5	50.0

All loads shown in tonnes

YOKE® Safety is our first priority™ EXTREME-100 H91

Gr.100 Chain Program

Slingtek assembles Gr.100 chain slings which carry a superior advantage over the traditional Gr.80 chain slings. We carry in stock all Gr.100 components from Yoke, which are manufactured in accordance with various international standards such as ASTM, ASME, EN and DIN. Yoke is an ISO 9001 certified company having type approvals from major international authorities such as DNV, API , SABS etc…

Advantages of Gr.100 Chain Slings

- Available in capacities up to 84 T
- Blue Powder Coated to differentiate from standard Gr.80 in the market
- 25% stronger than traditional Gr.80 Chain slings
- Gr.100 is more competitive than Gr.80 on similar working load limit (WLL)
- All YOKE components are clearly marked with traceability code, CE mark and H91 stamp

Limitation On Use

Slingtek alloy chain or chain slings should not be used in acid or caustic solutions nor in heavily acidic or caustic laden atmospheres. The high tensile strength of the heat treated alloy material in alloy steel chains and components is susceptible to hydrogen embrittlement when exposed to acids.

Slingtek slings must not be heat-treated, galvanized, plated, coated or subject to any process involving heating or pickling. Each of these processes can have dangerous effects and will invalidate the manufacturer certificate.

Slingtek slings may be used at temperatures between -40°C to 200°C with no reduction in the working load limit . The use of Slingtek chain slings within the permissible temperature range in the table below does not require any permanent reduction in working load limit when the chain sling is returned to normal temperatures. A sling accidentally exposed to temperatures in excess of the maximum permissible should be withdrawn form service immediately and returned to the distributor for thorough examination

When using Slingtek slings in exceptionally hazardous conditions, the degree of hazard should be assessed by a competent person and the Working Load Limit adjusted accordingly. Examples are lifting of potentially dangerous loads such as molten metals, corrosive materials or fissile material and including certain offshore activities.

Sling temperature (F)	Sling temperature (C)	Reduction in Working Load Limit
-40F to 400F	-40C to 200C	None
-400F to 550F	-200C to 300C	10%
-550F to 750F	-300C to 400C	25%
Above 750F	Above 400C	Do not use

WIRE ROPE SLINGS

Steel Wire Rope Slings

Wire rope slings are basic material handling tool and are the most frequently used type of sling in industry today. They offer a strong, dependable and economical option for most lifting applications. Their popularity is enhanced by the numerous sling configurations available to support a broad range of applications. These configurations include single and multi leg slings with a wide variety of fittings and attachments.

We manufacture wire rope slings with Flemish eyes secured with steel ferrules and turn-bvack eyes, secured with aluminum ferrules.

Steel Wire Rope Slings load chart - Safety Factor 5:1 as per EN 13414-1

		One Leg	Two Leg		Three and Four Leg	
						
Wire Rope Size (mm)	**MBL (kN) (of Rope)**		**0° – 45°**	**45° – 60°**	**0° – 45°**	**45° – 60°**
6	25.10	0.50	0.70	0.50	1.05	0.75
8	44.70	0.80	1.10	0.80	1.70	1.20
10	69.80	1.30	1.80	1.30	2.80	1.95
12	100.00	1.80	2.50	1.80	3.80	2.70
16	179.00	3.30	4.60	3.30	7.00	5.00
20	279.00	5.10	7.20	5.10	10.80	7.60
22	338.00	6.20	8.70	6.20	13.00	9.30
24	405.00	7.40	10.50	7.40	15.50	11.10
28	547.00	10.00	14.00	10.00	21.00	15.00
32	715.00	13.10	18.50	13.10	27.50	19.50
38	1007.00	18.50	25.90	18.50	38.90	27.80
KL		***1***	***1.4***	***1***	***2.1***	***1.5***

Safe working load for slings based on grade 1960 steel cored rope of clsses 6x19 and 6x36, having ferrule secured eye terminations.

These tables are compiled in compliance with EN 13414-1:2003. Uniform load method of calculations is used entirely

Higher capacities and sizes are also available.

Cable laid Grommet Slings

These are endless wire rope slings made from one continuous length of rope, formed to make a body composed of six ropes around a rope core. These are manufactured **BS EN 13414-3.**

Diameter of Cable laid Grommet		
	Direct	**Choke hitch**
	Working Load Limit	
MM	**T**	**T**
24	9.0	7.0
27	11.5	9.0
30	14.0	11.0
33	17.0	13.5
36	20.0	16.0
39	23.5	19.0
42	27.0	21.5
48	35.5	28.5
54	45.0	36.0
60	55.5	44.5
66	69.9	55
72	84	68
78	102	81
84	121	97
90	144	115
96	168	135
102	196	157
108	227	182
114	262	210

Bigger sizes and capacities are also available

RATCHET TIE DOWNS

Our lashing systems are made with high quality polyester yam which are light weight and very easy to use to secure both light and heady loads. Every lashing system is manufactured with a "Short Part" and a "Long Part" using Double J-Hooks and Ratchet Buckles which are yellow zinc plaited.

We Manufacture ratchet tie downs in various capacities as shown below conforming to **EN 12195-2.**

Any length can be manufactured to customer's requirements.

Width (mm)	Lashing Capacity (daN)	Breaking Strength (Full System, Kg.)	Breaking Strength (Webbing, Kg.)
50	2500	5000	7500
75	4000	8000	12000
100	5000	10000	15000

Safety Cargo Nets

We manufacture special safety cargo nets to customers requirement in any length and width

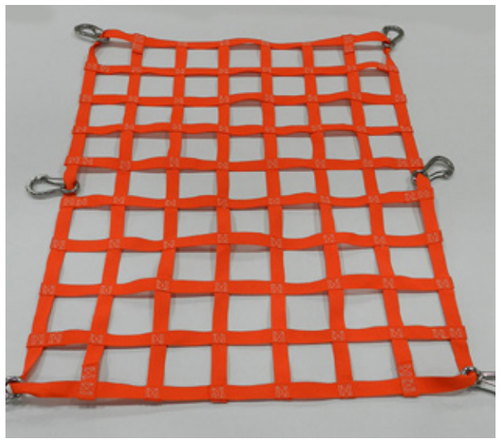
These are available with the following specifications:

Colour: Safety Orange

Safe Working Load: 2T - 10T

Mesh Size: As per order

Attachments: Ratchet or Hooks



FALL PROTECTION SYSTEMS

A personal fall-arrest system is generally required whenever an individual is at risk of falling from working at heights or from an elevated position. Properly designed system should include three components:

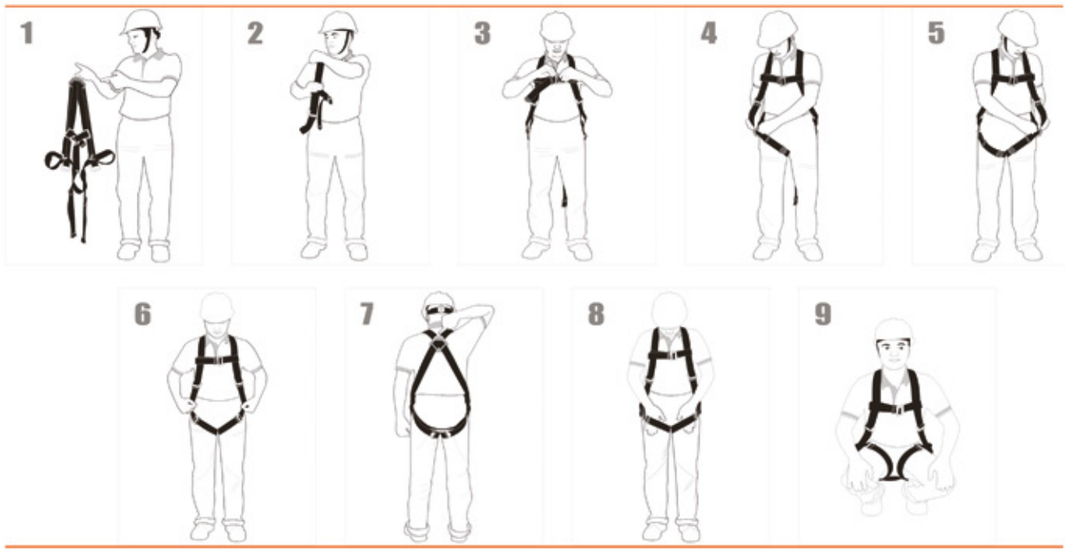
An anchor point will serec as a secure connection point for lifelines, lanyards or deceleration devices.

A full-body harness designed to distribute fall-arrest forces over thighs, pelvis, waist, chest and shoulders; if a fall occurs, the ring located in centre of the back will hold worker in an upright position until rescued.

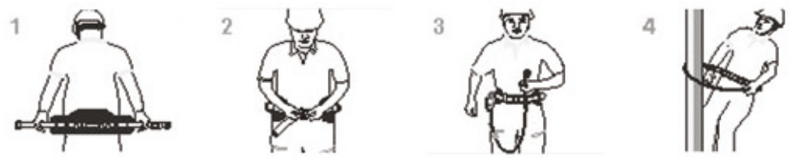
A Connecting device wsuch as lanyard, deceleration apparatus, lifeline or a combination of these items with locking snap hooks.

How to wear a harness

The Full Body Harness can be worn following these simple steps



The work Positioning Belt and Lanyard can be worn as per the following easy steps



Full Body Harness

ST-110P

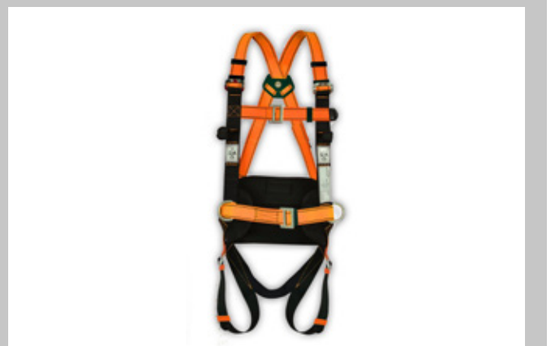
- One dorsal attachment D-ring, adjustable chest and thigh straps, ideally positioned sit strap for extended comfort.
- Dual color scheme differentiates shoulder and thigh straps.
- Universal Size.
- Conforms to **EN - 361 2002**

ST-2050

- 1 Chest attachment and a Dorsal attachment D-ring for Fall Arrest.
- Adjustable Chest, Shoulder and thigh-straps; for easy adjustments.
- Shoulder and thigh-straps differentiated by a dual colour scheme.
- Idealy positioned sit-strap for extended comfort.
- Conforms to **EN 361:2002 & EN 1497.**
- **Static Strength:** 25kN - **Weight:** 1700 gms

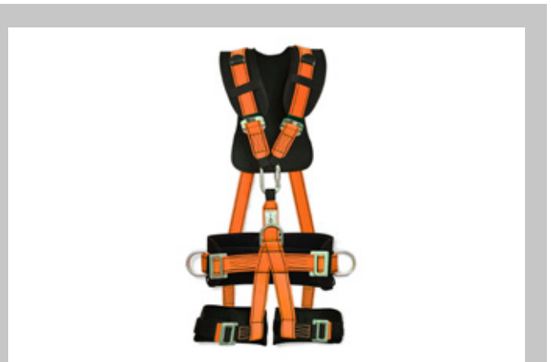
ST-4020

- Dorsal attachment D-ring for Fall Arrest & 2 chest attachment textile loop, with 2 Lateral D-Rings for Work Positioning.
- Adjustable Chest, Shoulder and thigh-straps; for easy adjustments.
- Shoulder and thigh-straps differentiated by a dual colour scheme. Tool holder loops and rings at the back.
- Idealy positioned sit-strap for extended comfort.
- Conforms to **EN 361:2002 & EN 1497.**
- **Static Strength:** 25kN - **Weight:** 1290 gms



ST-5070

- Dorsal attachment D-ring for Fall Arrest & 2 chest attachment textile loop, with 2 Lateral D-Rings for Work Positioning.
- Adjustable Chest, Shoulder and thigh-straps; for easy adjustments.
- Shoulder and thigh-straps differentiated by a dual colour scheme. Tool holder loops and rings at the back.
- Idealy positioned sit-strap for extended comfort.
- Conforms to **EN 361:2002**
- **Static Strength:** 25kN - **Weight:** 1290 gms



Work Positioning Belt

These are to be used for Work Posioning only and MUST NOT be used as a fall arrest equipment. These should be intergrated with a full body harness and must be used by trained personnel

- Wide comfort pad to provide comfortable support for long hours
- Two Lateral D-rings
- Webbed loops for tool holding
- EN 358

Retractable Fall Arrestor

Complete freedom of operation as the block can be anchored to the suitable fixture with the wire being connected to the full body harness.

- Automatic breaking system
- Compact & strong weather proof ABS casing
- Galvanished or stainless steel cable
- EN 360

Cable Length	Model
10 m	R-FAB-10
15 m	R-FAB-15
20 m	R-FAB-20
30 m	R-FAB-30
40 m	R-FAB-40

Connectors/Hooks

Connectors form an important part of fall arrest systems. All our connectors and hooks are yellow zinc rust coated to increase life in hot and humid environments. These confom to **EN 362** and are CE approved

SL - 1011
Steel Karabiner, Screw Gate
Opening: 18mm
Strength: >22kN
EN 362

TH - 0001
Alloy steel tower hook
Opening: 100mm
Strength: >23kN
EN 362

SL - 1011A
Aluminium Karabiner,
Aluminium Alloy
Opening: 22mm
Strength: >23kN
EN 362

SL - 1031
Alloy steel scaffold hook
Opening: 58mm
Strength: >22kN
EN 362

SL - 1021
Alloy steel snap hook
Opening: 18mm
Strength: >22kN
EN 362

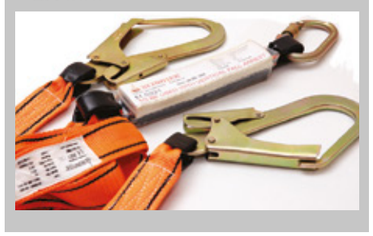
SL - 1031A
Aluminium scaffold hook
Opening: 58-60mm
Strength: >23kN
EN 362

Energy Absorbers

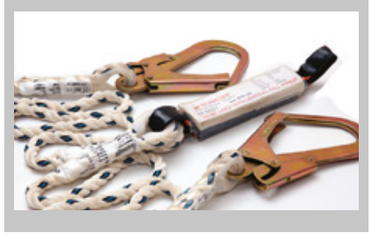
These are used in various combinations and end fittings, and are made with rope lanyards or webbing lanyards conforming to **EN 355/354**

SA - 3000
Energy Absorber
EN 355

SA - 3061
Twin Webbing Lanyard with
Energy Absorber.
Allows easy movement while
working at heights
EN 355



SA - 3051
Twin Rope Lanyard with
Energy Absorber
Allows easy movement while
working at heights.
EN 355



SERVICES

INSPECTION SERVICES

The Lifting Operations and Lifting Regulations 1998 (L.O.L.E.R.) requires all lifting equipment to be "thoroughly examined and inspected by a competent person". When it comes to overhead lifting, nothing should be left to chance. Faulty, damaged, or badly maintined equipment significantly increases the risk of potentially lethal accidents, and often has serious finacial and legal consequences. Regular test, examination and maintenance is critical to ensure that equipment remains fit for purpose.

Slingtek carries out professional inspection and examination services for general lifting accessories and lifting machines. Our services include testing, examination and visual inspection and certification of new or in service equipment

Inspection and Testing of Manual lifting Machines

Wide range of lifting equipment such as chain hoists, lever hoists, beam trolleys, winches, tirfors etc…

Inspection and Testing of Lifting accessories

Textile slings, chain slings, wire ropes and wire rope slings, shackles, etc…

TRAINING

We do provide in-house and on-site training on various aspects of safety, lifting and height safety. Topics covered are mainly:

- **Health and Safety — Management**
- **Workplace hazards — analysis and control**
- **Height safety**
- **Basic Lifting & Rigging**

Various other training programs can be customized related to lifting and height safety based on clients needs.

Horizontal Tension Testing Bench

Vertical Test Rig

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