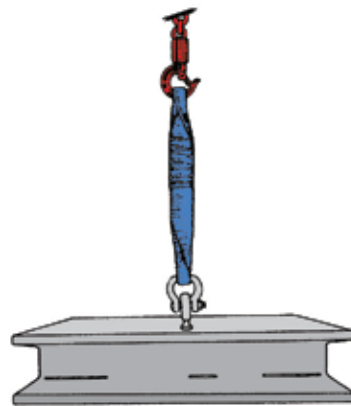
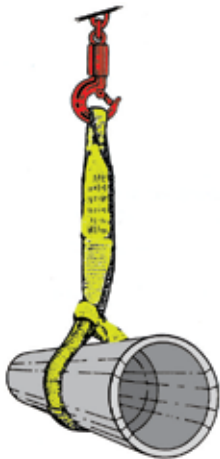


# FLAT POLYESTER WEBBING SLINGS

- Liftek manufactures a wide range of Flat Webbing Slings made with high tenacity polyester webbing.
- Slings are manufactured either to EN 1492-1:2000 with Safety Factor 7:1 or to BS 3481:PT2-1983 with Safety Factor of 6:1
- We offer slings in MM system (i.e. 30mm, 60mm, 90mm etc.) and also in Inch system (i.e. 1", 2", 3" etc)



**Capacity Chart in KGS for 1-PLY and 2-PLY Flat Polyester Webbing Slings**

Colour Code	Width in Inches	M=1		M=.8		M=2		0°-45°  M=1.4		45°-60°  M=1	
		Straight Lift - 100%		Choker Lift - 80%		Basket/U-Lift - 200%		At angle Beta - 140%		At angle Beta - 100%	
		1-PLY	2 -PLY	1-PLY	2 -PLY	1-PLY	2 -PLY	1-PLY	2 -PLY	1-PLY	2 -PLY
Violet	1	500	1000	400	800	1000	2000	700	1400	500	1000
Green	2	1000	2000	800	1600	2000	4000	1400	2800	1000	2000
Yellow	3	1500	3000	1200	2400	3000	6000	2100	4200	1500	3000
Grey	4	2000	4000	1600	3200	4000	8000	2800	5600	2000	4000
Red	5	2500	5000	2000	4000	5000	10000	3500	7000	2500	5000
Brown	6	3000	6000	2400	4800	6000	12000	4200	8400	3000	6000
Blue	8	4000	8000	3200	6400	8000	16000	5600	11200	4000	8000
Orange	10	5000	10000	4000	8000	10000	20000	7000	14000	5000	10000
Orange	12	6000	12000	4800	9600	12000	24000	8400	16800	6000	12000

**Capacity Chart in KGS for 3-PLY and 4-PLY Flat Polyester Webbing Slings**

Colour Code	Width in Inches	M=1		M=.8		M=2		0°-45°  M=1.4		45°-60°  M=1	
		Straight Lift - 100%		Choker Lift - 80%		Basket/U-Lift - 200%		At angle Beta - 140%		At angle Beta - 100%	
		3-PLY	4 -PLY	3-PLY	4 -PLY	3-PLY	4 -PLY	3-PLY	4 -PLY	3-PLY	4 -PLY
Violet	1	1500	2000	1200	1600	3000	4000	2100	2800	1500	2000
Green	2	3000	4000	2400	3200	6000	8000	4200	5600	3000	4000
Yellow	3	4500	6000	3600	4800	9000	12000	6300	8400	4500	6000
Grey	4	6000	8000	4800	6400	12000	16000	8400	11200	6000	8000
Red	5	7500	10000	6000	8000	15000	20000	10500	14000	7500	10000
Brown	6	9000	12000	7200	9600	18000	24000	12600	16800	9000	12000
Blue	8	12000	16000	9600	12800	24000	32000	16800	22400	12000	16000
Orange	10	15000	20000	12000	16000	30000	40000	21000	28000	15000	20000
Orange	12	18000	24000	14400	19200	36000	48000	25200	33600	18000	24000

**WEBBING SLINGS**



## EYE TYPES

An eye cover forms an effective barrier between the lifting point and the load-bearing portion of the webbing sling in the eye resulting in improved safety and longer life. Unless specifically instructed by the customer, Liftek manufactures all slings with Type 1: Polyester Protected Eyes as shown below.



Type - 1 : Eye with polyester cover protection



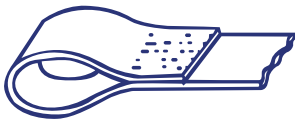
Type - 2 : Eye with leather cover protection



Type - 3 : Fully re-inforced Eye with polyester cover protection

## EYE STYLES

Unless specifically instructed by the customer all slings are made with Class 2: Folded eyes.



Class 1: Flat Eyes



Class 2: Folded Eyes



Class 3: Reversed Eyes



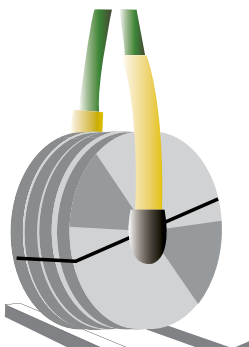
Class 4 : Non Reeving Hard Eyes



Class 5 : Reeving Hard Eyes

## PROTECTION SLEEVES

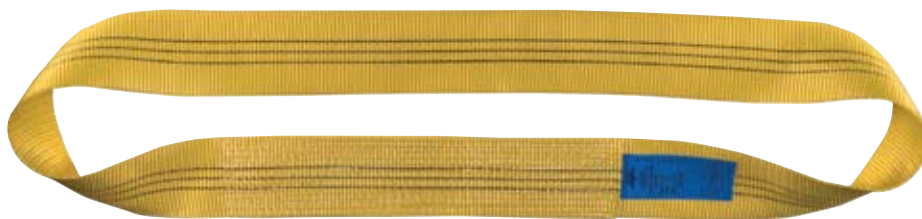
These enhance the life of lifting slings by protecting the load-bearing portion from impurities, rough surfaces and sharp edges. It also helps to increase the levels of grip on flat surfaces to prevent load slippage.



Various configurations of protection sleeves

## FLAT ENDLESS SLINGS

These are manufactured from a single thickness webbing sewn in a continuous loop with an overlap. These slings are mainly used when a wide grip is required on large equipment, eg. for lifting pipes. These slings have the same capacity as double ply flat webbing slings. Refer page 10



## SPECIAL PURPOSE SLINGS

Liftek manufactures special purpose slings as per customer requirements. Some of these are illustrated below.



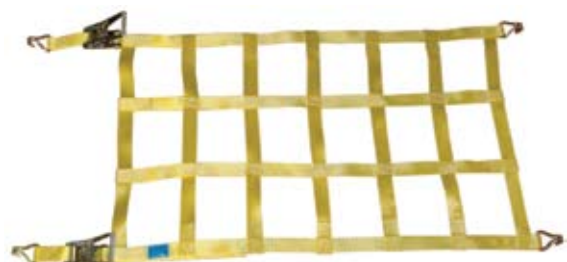
Extra wide webbing sling for wide-bodied loads



Pipe laying sling



Cargo Net (mesh size as per customer requirement)



Load Securing net with ratchet assembly



## SEAMLESS ROUND SLINGS

Round Slings are particularly useful for lifting loads of a fragile nature and which may be damaged by the harder webbing.

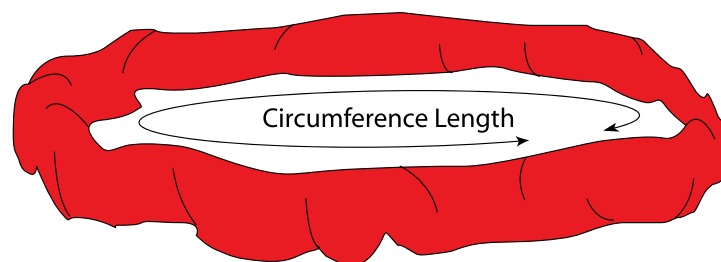
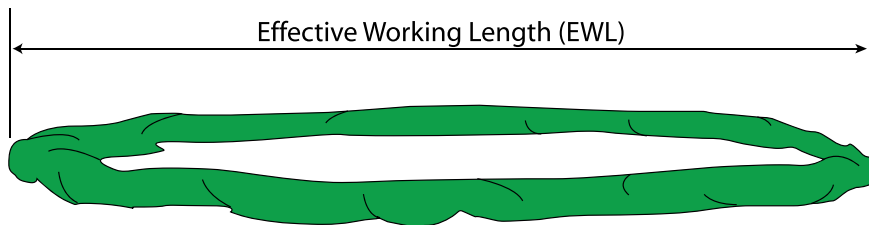
Round Slings are manufactured to BS EN 1492-2:2000 with a safety factor of 7:1 from 100% polyester.

The outer cover is a seamless polyester sleeve which has excellent abrasion resistance. The core consists of a continuous hank of high tenacity polyester yarn which is immensely strong and durable.

Due to the parallel fibres in the core the stretch experienced with a roundsling is less than 3% at the safe working load.

Round slings, as with flat webbing slings, are colour coded for ease of identification and are available in a complete range of sizes and strengths. Liftek supplies round slings with a capacity of up to 125 tons.

ROUND SLINGS

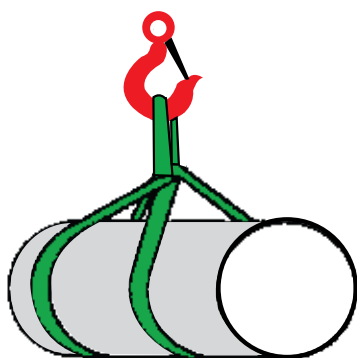


# SEAMLESS ROUND SLINGS

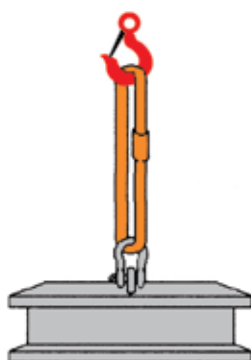
Capacity Chart in KGS for Round Slings					
	Straight Lift - 100%	Choker Lift - 80%	Basket/U-Lift - 200%	At angle Beta - 140%	At angle Beta - 100%
Colour Code					
Violet	1000	800	2000	1400	1000
Green	2000	1600	4000	2800	2000
Yellow	3000	2400	6000	4200	3000
Grey	4000	3200	8000	5600	4000
Red	5000	4000	10000	7000	5000
Brown	6000	4800	12000	8400	6000
Blue	8000	6400	16000	11200	8000
Orange	10000	8000	20000	14000	10000
Orange	12000	9600	24000	16800	12000
Orange (sideseam)	15000	12000	30000	21000	15000
Orange (sideseam)	20000	16000	40000	28000	20000
Orange (sideseam)	25000	20000	50000	35000	25000
Orange (sideseam)	125000	100000	250000	175000	125000

## Advantages of Webbing Slings and Round Slings

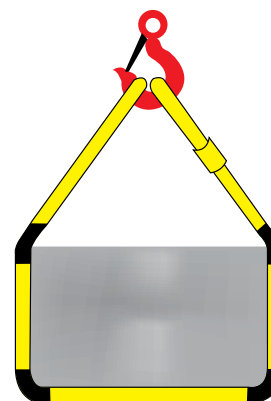
- All slings are individually numbered for traceability and safety.
- Lighter than chain or wire rope - less likely to cause injury if left swinging from crane.
- Less weight - less risk of back injuries, lower transport and shipping costs.
- Supple - can adapt to fit the load without damaging the load or the webbing. Chain may kink and cause damage to both the load and chain.
- No hidden corrosion - can be easily checked by eye for damage - if it looks all right, it is all right.
- Does not weaken with age.
- Ability to absorb shocks.



Round Sling in Choker Hitch



Round Sling in Straight Lift



Round Sling in Basket Lift with four edge protectors





## FALL ARREST EQUIPMENT

Liftek manufactures and supplies a wide range of fall arrest equipment and accessories.

All the equipment is designed in our design office in the United Kingdom, Liftek International UK and is manufactured to the relevant European norms and carries the CE mark.

### Full Body Safety Harness

A full body harness distributes the forces throughout the body in the case of a fall, reducing the chances of internal injuries and death. Liftek manufactures various models of full body safety harness and also customizes as per customer requests.



SAFETY HARNESS



## LX550

Full Body Harness with work positioning belt



- 7 modes of adjustment
- 1 fall arrest dorsal D-Ring
- 2 work positioning D-Rings
- Work positioning belt with tool holder rings
- Static strength > 15kN



# LX520

Full Body Harness with reflector webbing



- 6 modes of adjustment
- 1 fall arrest dorsal D-Ring
- Static strength > 15kN
- Reflector Webbing
- Dorsal pad for extra protection



# LX500

Full Body Harness - our most popular model



- 6 modes of adjustment
- 1 fall arrest dorsal D-Ring
- Static strength > 15kN
- Webbing with dual colour scheme



**SAFETY HARNESS**



# LX495

Lightweight Full Body Harness



- 3 modes of adjustment
- 1 fall arrest dorsal D-Ring
- Static strength > 15kN
- Lightweight: 950 gms
- Webbing with dual colour scheme

SAFETY HARNESS

## Work Positioning Belts

Work positioning belts are designed to secure the user safely in position at the point of work. They are not designed to arrest a free fall. Use a harness if a risk of a free fall is present. Our work positioning belts are easy and comfortable to use. They offer full freedom of movement but give ergonomically correct support for the work on a pole.



# LX350

Basic work positioning belt



- Cushioned back pad for lumbar support
- 2 lateral D-rings for work positioning
- Metal rings for tools, bolt bags etc.



# LX355

Extra wide Work Positioning Belt

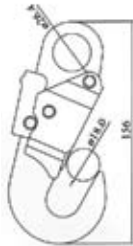
**CE EN 358**



- Extra wide cushioned back pad for lumbar support
- 2 lateral D-rings for work positioning
- Metal rings for tools, bolt bags etc.

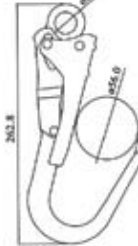
## CONNECTORS

Liftek uses the highest quality accessories so that the safety of the user is never compromised



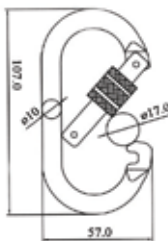
**CE EN 362**

**LX01-SNAP HOOK**  
Stamping steel  
MBL: 22kN



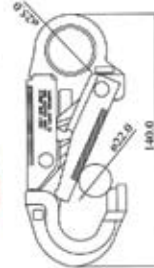
**CE EN 362**

**LX02-REBAR SNAP HOOK**  
Forged Steel  
MBL: 22kN



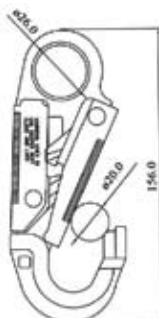
**CE EN 362**

**LX03-CARABINER/ SCREW GATE**  
Alloy steel  
MBL: 22kN



**CE EN 362**

**LX04-SNAP HOOK**  
Forged Steel  
MBL: 22kN



**CE EN 362**

**LX05-SNAP HOOK**  
Aluminium Alloy  
MBL: 27kN



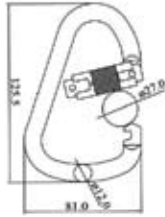
	2"	3"	4"
A	340	400	425
B	90	125	155
C	125	180	210
D	50	85	100
E	∅ 90	∅ 125	∅ 155

**CE EN 362**

**LX06-PIPEFORM ANCHOR**  
Stainless Steel Wire  
Size : 2"/3"/4"  
MBL:22kN



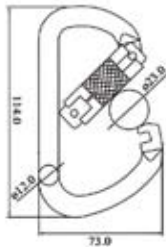
## CONNECTORS



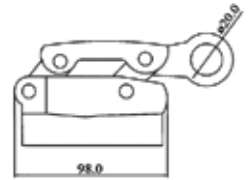
LX07-CARABINER/  
TWIST LOCK  
Alloy Steel  
MBL: 35kN



LX08-SWIVEL  
SNAP HOOK  
Forged Steel  
MBL:22kN



LX08-CARABINER/  
TRIPLE LOCK  
Aluminium Alloy  
MBL: 25kN



LX09-ROPE GRAB/  
20MM EYE  
Stamping Steel  
16mm Nylon rope

## LANYARDS

Liftek manufactures webbing and rope lanyards with and without shock absorbers.

Our shock absorbers are made with the highest quality webbing material and is CE certified. The shock absorber is activated at a load of 2kN and it limits the impact on the wearer to less than 6kN.

Below are some illustrations of our lanyards. For complete parts list please contact our office.

### LX200

Shock Absorber



**LX24**



**LX35**



**LX84**



# LANYARDS



**LX90**

CE EN 353-2

**LX72**

CE EN 355



**LX121**

CE EN 355



LANYARDS



# LANYARDS



**LX85**



**LX74**



**LX88**



**LX82**



**LX128**



**LX129**

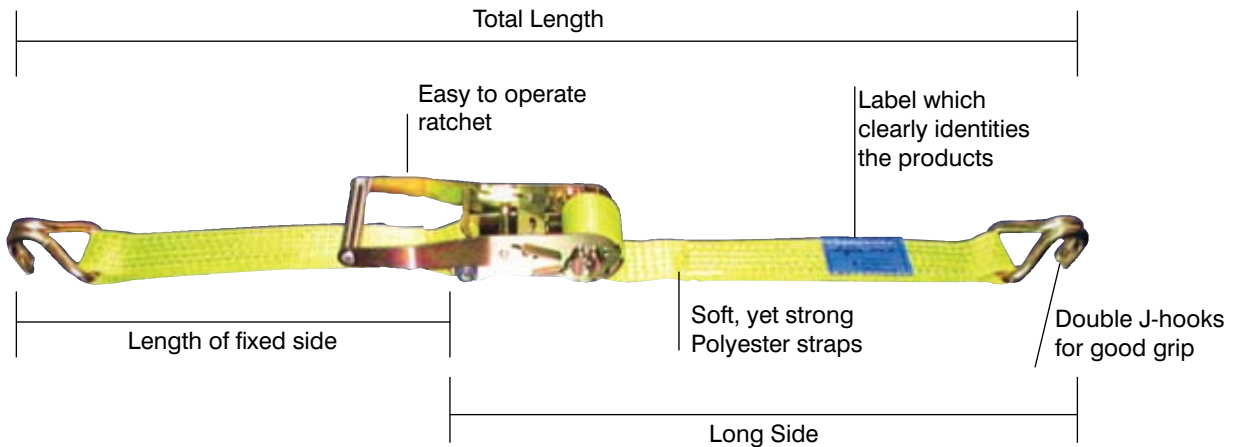


LANYARDS



# CARGO LASHING

Liftek's cargo lashing systems, made with high quality polyester yarn, are light weight and easy to use. The ratchet buckle and corresponding straps make an optimum combination to secure both light and heavy loads.



Webbing Width	Minimum Breaking Strength	End-Fitting Type	Type
1"	1,000 Kgs	Double J Hook	Ratchet
2"	5,000 Kgs	Double J Hook	Ratchet
3"	10,000 Kgs	Double J Hook	Ratchet
4"	12,000 Kgs	Flat Hook	Ratchet
			Winch