

## ROUND SLINGS

- Zebra Round Slings are light weight compared to the working load ratio and being Polyester do not rust or corrode as in metal slings.
- These slings have no danger of hand injury to workman caused by cut wires and does not spark, hence can be used explosive environment.
- The elongation factor on load is only 3%, hence it absorbs the load while lifting.
- Zebra Round Slings flattens and adjust to contours of the load point thus forming a firm grip.



**The sunken 280 ton Indira Gate being lifted using our Zebra Round Slings.**





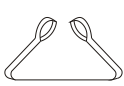
### Construction



1. Bearing elements are endlessly laid, with high-tenacity polyester fibre strands. With the number of these fibre strands increase the S.W.L of Zebra round slings.
2. Protective sleeve made of special heavy duty polyester fabric for the endlessly laid fibre strands.



## ENDLESS ROUND SLINGS- KR

M* = mode factor			CAPACITY					Guaranteed min. breaking load
			S.W.L. vertical lift	S.W.L. basket lift	S.W.L. choker lift	S.W.L. 45deg lift	S.W.L. 90deg lift	
ITEM CODE	AVG. DIA	COLOUR						
	MM		M* = 1	M = 2	M = 0.8	M = 1.8	M = 1.4	
			kgs.	kgs.	kgs.	kgs.	kgs.	kgs.
KR-500	15	VOILET	500	1000	400	900	700	3500
KR-1000	18	VOILET	1000	2000	800	1800	1400	7000
KR-2000	20	GREEN	2000	4000	1600	3600	2800	14000
KR-3000	22	YELLOW	3000	6000	2400	5400	4200	21000
KR-4000	25	GREY	4000	8000	3200	7200	5600	28000
KR-5000	27	RED	5000	10000	4000	9000	7000	35000
KR-6000	32	BROWN	6000	12000	4800	10800	8400	42000
KR-8000	38	BLUE	8000	16000	6400	14400	11200	56000
KR-10000	46	ORANGE	10000	20000	8000	18000	14000	70000
KR-12000	58	ORANGE	12000	24000	9600	21600	16800	84000
KR-15000	70	ORANGE	15000	30000	12000	27000	21000	105000
KR-20000	78	ORANGE	20000	40000	16000	36000	28000	140000
KR-25000	90	ORANGE	25000	50000	20000	45000	35000	1750000
KR-30000	100	ORANGE	30000	60000	24000	54000	42000	210000
KR-36000	114	ORANGE	36000	72000	28800	64800	50400	252000
KR-40000	125	ORANGE	40000	80000	32000	72000	56000	280000
KR-50000	180	ORANGE	50000	100000	40000	90000	70000	350000
KR-75000	200	ORANGE	75000	150000	60000	135000	105000	525000
KR-100000	250	ORANGE	100000	200000	80000	180000	140000	700000

Factor of safety for webbing 1:7

The colour combination as shown in the chart is a mere indicator, however the colour may change subject to availability of raw materials

## ROUND SLINGS

- Soft, Supple and light in weight, easy to handle
- Internationally identifiable colour code, SWL shown on slings and also shown by way of woven stripes i.e. each black stripe for each ton
- Being endless, wears evenly as there is no single point use
- Ideally suited for lifting smooth, polished or coated objects
- Conforms to B.S. 6668 Part 2 and Indian Standard

### Advantages over Steel Rope or Chain.

Zebra polyester Slings are considered lighter than a metal product of comparable lifting performance and as a consequences are both safer and easier to handle. The main safety and handling advantage of the Zebra Slings are listed below:

- Because of the suppleness of polyester, the Zebra Sling accommodates irregularities of the load, twisted wire rope may grip in the wrong place creating imbalance
- Absorbs shocks
- No corrosion - wire ropes can rust unseen from inside
- Easier to inspect - if it looks all right, it is alright
- Less weight means easier, quicker working, less risk of back injuries
- Less weight also means cheaper transport - only 20% of the steel chain for example.
- Less risk of damage to sensitive or painted surfaces
- Safe in hazardous or explosive environments as there is no risk of sparking

### Which Protective Sleevings?



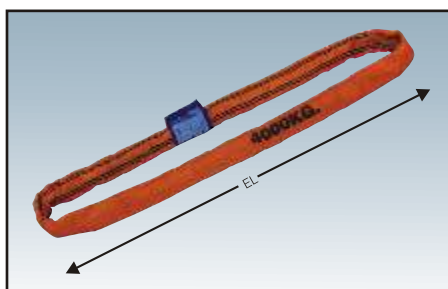
Anti-abrasion Webbing sleeve (AAWS)



Sobitex double sided anti-cutting sleeve.



Single part velcrow anti-cutting sleeve



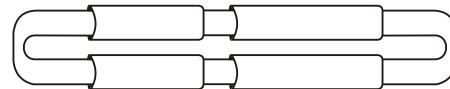
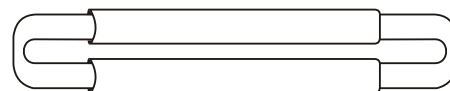
### How to Order / Example

Specify item code number  
 Lifting capacity in vertical lift (Colour Code)  
 Please state effective length EL  
 (circumference = 2 x EL in endless type)  
 Length of AAWS/Sobitex if required

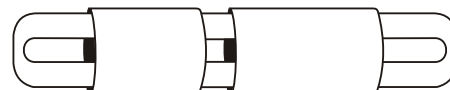
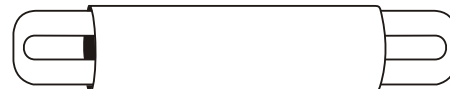
### How to look after your Zebra Slings:

1. Small cuts on sleeves can be taped and reused... cuts on the main yarn core, the slings should be discarded.
2. Slings can be washed in cold water with a mild detergent.
3. Zebra slings are resistant to most chemicals but avoid ammonia, alkalis and strong acid.
4. Use anti cutting webbing sleeves at sharp contact points to get more life of your Zebra Sling.

### Round Sling Sleevings



Double Part



Single Part

Material of construction	100% Polyester
Working temp. range	-40°C to +180°C
Tensile strength	As specified
Elasticity	2-5% extension at W.L.L. 15-20% extension at break load
Chemical resistance properties	Please see Zebra technical bulletin
Electrical properties	Not Conducting
Melting point	260° C

## ZEBRA™ WEBLIFT PVT. LTD.

Manufacturers of Polyester Round Slings & Flat Web Slings. In technical collaboration with MILLER WEBLIFT LTD. (U.K.)  
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