



Estd. 1910

# Esoofali Esmailji Karachiwalla & Co.

43/45 Narayan Rao Koli Marg (Bhandari St.), PO Box 13062. Mandvi. Mumbai 400003. INDIA.

Tel: +91-22-23444586/23421617/23450667/23429167 Fax: +91-22-23439128

Email: [mail@eekarachiwala.com](mailto:mail@eekarachiwala.com) Web: [www.eekarachiwala.com](http://www.eekarachiwala.com)

Agents for: Usha Martin Wire Ropes, Vankos Hydraulic Jacks, Indef Chain Pulley Blocks, Swiftom, Omega, Maxpull.



## Ratchet Lashing Systems



The Ratchet Lashing system is used for securing cargo while transporting, shifting or storage. It is a modern, light weight and thoroughly reliable method of securing all types of load across an entire spectrum of requirements. It offers significant advantages over any other securing system.

Ratchet Lashing is a Reusable, Cost effective tie-down using polyester webbing & Ratchet Buckle and has replaced ropes, chains and wires used for transportation.. The Ratchet Buckle provides the tensioning force. The tension is uniform and locking mechanism ensures that the tension is retained till it is unlocked.

This Ensures complete locking of strap in position and also provides unlocking mechanism which is safe and fast. Polyester Webbing has the

least of elongation (less than 7 %) and is soft and safe to use.

### Advantages of Webbing Lashing Systems

All lashings are individually and uniquely numbered for traceability and safety.

High Tenacity Polyester webbing has a high resistance to abrasion - much higher than its polypropylene / Nylon equivalent.

Webbing does not weaken with age.

Ability to absorb shocks.

No hidden corrosion - can be easily checked by eye for damage.

Less risk of damage to the load or to painted/Coated surfaces.

Supple - can adapt to fit the load easily thereby reducing the chances of damage.

Easy and quick to use, saving time and thus saving costs.

### Care and Use of Webbing Lashings:

Only use webbing lashings manufactured to EN 12195-2:2001

Only use lashings which are clearly marked with a rated assembly strength and minimum break strength.

Regularly check the system for cuts and frays in the webbing.

Never use a bar or lever to tighten the ratchet tensioner.

Protect the system from sharp edges.

Keep away from alkalis and strong acids.

Do not use for lifting.

Do not tie knots in the webbing to shorten it.

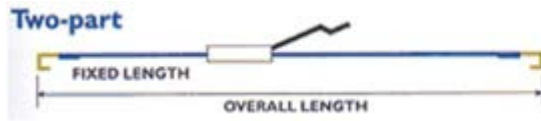
When the tensioner is a ratchet, ensure that there have been at least 2 complete turns of the spreader bars after threading

### How to Order Lashings & Lashing Safety

Having first selected the appropriate Minimum Break Strength, the lashing format must next be considered. Here, there are two options: Two-Part or Endless, with the possibility to specify the fixed and overall lengths of a Two-Part Lashing or the overall length of an Endless Lashing.

Shipchandlers  
& Rigging  
Equipment  
Suppliers,  
Manufacturers  
& Dealers in  
Wire Ropes,  
Slings,  
Chain Slings,  
Crane Blocks,  
Wire Clamps,  
Eye Bolts,  
Swivel Hoist  
Rings,  
Winches,  
Plate Clamps,  
Crane Blocks,  
Pulley Blocks,  
Machined  
Hooks,  
Ramshorn  
Hooks,  
Shackles,  
Hydraulic  
Jacks,  
Webbing  
Slings,

and all types of  
fittings and  
lifting tackles.



**RATCHET LASHING (TWO PART) : RLTP**

Item Code	Width	Rated Actual Strength	Max Breaking Strength
RLTP 25/2000	25 mm	250 Kgs	500 Kgs
RLTP 35/3000	35 mm	1500 Kgs	3000 Kgs
RLTP 50/5000	50 mm	2500 Kgs	5000 Kgs
RLTP 75/10000	75 mm	5000 Kgs	10000 Kgs

The Above Assembly Includes:

1 No Ratchet Buckle + 2 Nos Double J Hooks

Fixed Part Lashing = 500mm + Adjustable Loose Lashing as required by client

Total Length includes the Fixed Length as well. Total Length = Length between two Hook ends.

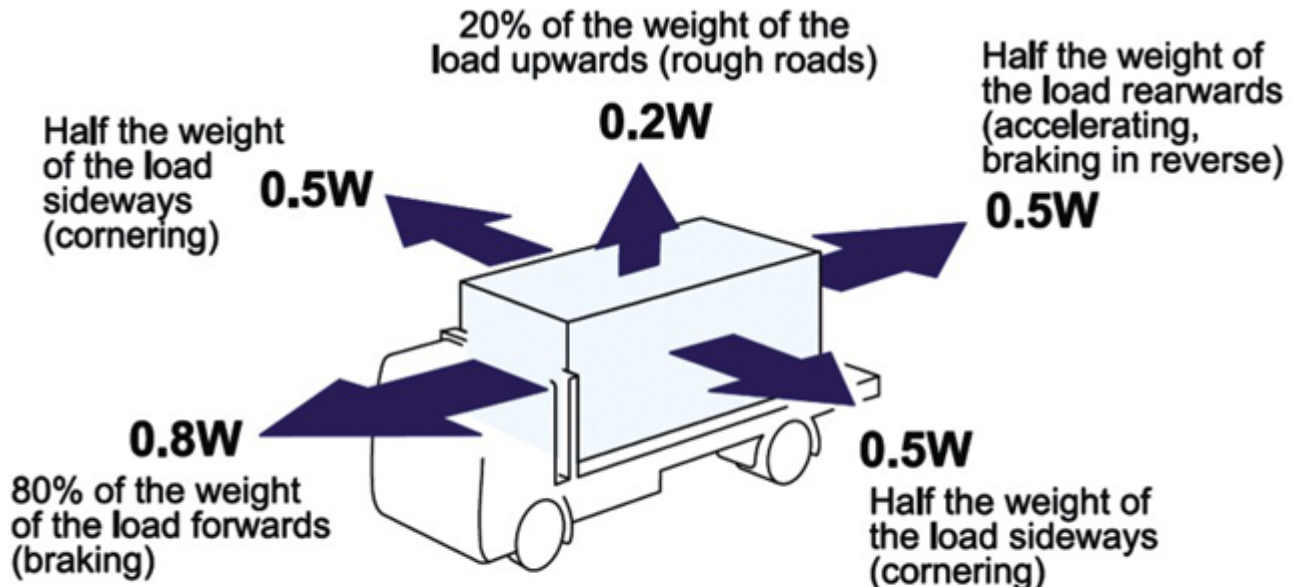
**RATCHET LASHING (ENDLESS) : RLES**

Item Code	Width	Rated Actual Strength	Max Breaking Strength
RLES 25/2000	25 mm	500 Kgs	1000 Kgs
RLES 35/3000	35 mm	3000 Kgs	6000 Kgs
RLES 50/5000	50 mm	5000 Kgs	10000 Kgs
RLES 75/10000	75 mm	10000 Kgs	20000 Kgs

The Above Assembly Includes:

1 No Ratchet Buckle + Length of Lashing as required by client

Total Length = Length of Polyester Lashing



(W = Weight of the load)