



**RimSling®**  
THE GENUINE SYNTHETIC.

## Synthetic Recovery Line Guidelines & Instructions

The synthetic RimSling® lifting and recovery tool will make **your everyday work routine easier and safer!** The original RimSling is the perfect size for **attaching through any small hole** of a vehicle's wheel or other **tight lifting points**. This sling comes in **four convenient sizes**, has a **special braided guard for extended life**, is available in multiple colors, is protected by a **full length cordura sleeve** and has an eye loop located at each end.

RimSling® has also created the Synthetic Container Sling which is a **specialized lifting sling** specifically designed for container **pocket lifting or pulling**. Lastly, RimSling's Synthetic Soft Shackle is the **perfect replacement** for traditional metal shackles and **will do no damage to a vehicle's paint**. These shackles **do not corrode or rust** making them **outlast any metal shackle** on the market.

**RimSling Synthetic Recovery Slings**



**Rimsling Synthetic Shipping Container Sling**



**RimSling Synthetic Soft Shackle**



# Usage & Warning Instructions

(Please read and retain these instructions for future reference.)

**WARNING:** Improper use of this sling may result in property damage, personal injury or even death. Operators who are not familiar with standard rigging procedures are NOT intended to use these slings until they have received the proper instruction and training!

RimSling Synthetic Slings are made from plasma fibers with Spectra. These slings are as strong or stronger than steel wire rope of the same size. Since these slings are made with synthetic fibers, proper care is required and there are certain limitations in their use.

## The Dos & Do NOTs

**Do:** Inspect your sling(s) before EACH use. The protective sleeves are not fixed in place so that they can be moved—allowing you to inspect the rope underneath.

**Do NOT:** Use slings above their Working Load Limit.

**Do NOT:** Tie knots in the sling as the strength will be greatly reduced.

**Do:** Protect your sling(s) from the sharp edges of each load. The protective covers are NOT cut-proof so the best way to protect any sling from being cut is to not allow it to contact the corners or edges of the load.

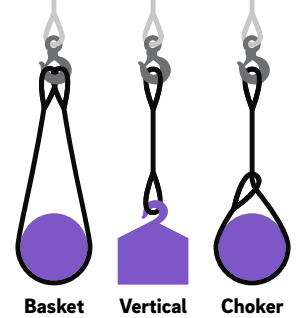
**Do NOT:** Expose your sling(s) to temperatures above 158° F.

**Do NOT:** Use your sling(s) if there are signs of excessive wear, cut fibers and/or heat or chemical damage.

**If you are not qualified or unsure of how to properly and safely use this product—do NOT proceed!**

## Working Load Limits (lbs, Safety Factor 5:1)

Sling Diameter	Basket (lbs)	Vertical (lbs)	Choker (lbs)
3/8"	7,000	3,500	2,000
1/2"	12,520	6,260	5,008
5/8"	20,560	10,280	8,224
3/4"	27,400	13,700	10,960



# Inspection (Please inspect prior to each use!)



## Regular wear Track progression

**What to look for:**

- Slight fuzzy look
- Slight color fading
- Other characteristics appear normal

**Causes:**

- Initial Use
- Abrasion



## Compression Correctable

**What to look for:**

- Visible sheen
- Stiffer than rest of rope but loses stiffness with repeated bending

**Causes:**

- Setting of fiber around object (hooks, etc)

**Corrective measures:**

- Bend rope back and forth to remove compression



## Pulled Strand Correctable

**What to look for:**

- Pulled strand protruding from the rest of the rope
- No damage present

**Causes:**

- Snagging on vehicle or equipment

**Corrective Measures:**

- Work back into rope by "milking" back and forth
- Ensure strand is back in place before attempting to use



## Chemical Degradation Retire sling

**What to look for:**

- Fused/bonded fibers
- Discoloration
- Brittle fibers

**Causes:**

- Chemical contamination



## Heat Degradation Retire sling

**What to look for:**

- Fused/melted fibers
- Very stiff
- Can't be brought back by bending like compressed fibers

**Causes:**

- Exposure to high heat



## Inconsistent Diameter Retire sling

**What to look for:**

- Tight flat areas
- Looks as if strand or strands has been pulled tight
- Bumps or dips

**Causes:**

- Broken or pulled internal strand(s)
- Shock loading



## Volume Reduction Retire sling

**What to look for:**

- Reduction in size of strands/rope diameter

**Causes:**

- Abrasion
- Sharp objects
- Cyclic tension wear (fatigue)

# Lifting & Recover Sling Specifications

Sling Size (Diameter x Length)	Sling Weight (lbs)	Fits Hole Diameter
3/8" x 4'	.55	1-1/4"
3/8" x 6'	.70	1-1/4"
1/2" x 4'	.75	1-1/2"
1/2" x 6'	.95	1-1/2"
5/8" x 8'	1.85	1-3/4"
5/8" x 10'	2.4	1-3/4"
3/4" x 8'	2.8	2"
3/4" x 10'	3	2"