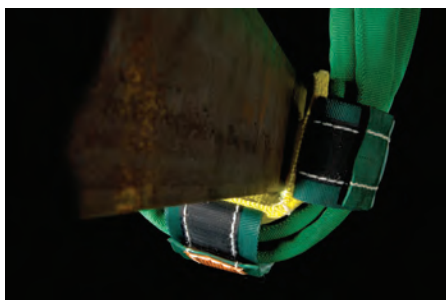




## CORNERMAX® PAD & SLEEVE MANUAL



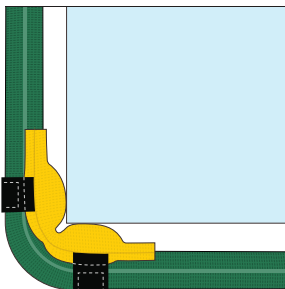
### **WARNING**



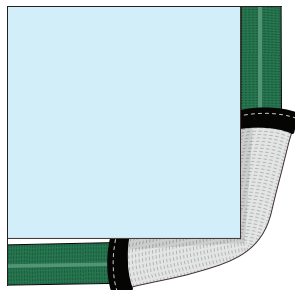
- Death or Injury can occur from improper use or care.
- Do not exceed 25,000 lbs per inch of sling width.
- For use only by a competent and/or qualified person as defined by OSHA.
- Lift load slowly and carefully to prevent pads and sling from slipping or sliding across load edge.
- Refer to tag on pad or sleeve to ensure cut protection is correct size and type to protect the sling.
- Inspect before each use. Look for cuts, tears or other damage to the pad or sleeve. A damaged pad or sleeve may not protect the sling and lead to failure.
- Do not expose to chemicals and temperatures over 180° F/ 82° C

For additional important safety, inspection, removal and repair information, follow Slingmax® Guidelines, ASME B30.9, WSTDA RS-HP-1 and Cordage Institute CI 1905 standards.

## CornerMax® Pad



## CornerMax® Sleeve



### BEFORE EACH USE

**⚠ DEATH or INJURY** can occur from improper use or care.

1. **SLING USERS SHALL BE TRAINED** Do not use this pad or sleeve unless you are properly trained. *See page 7 for training.*
2. Read and follow all instructions and warnings in this manual.
3. CornerMax® pads and sleeves are rated for 25,000 lbs per inch of sling width. No material is cut proof. Check tag on pad or sleeve to confirm that the pad is adequately rated for the load. *See page 8 for chart.*
4. Inspect pads or sleeve for damage before each use including:
  - Missing or unreadable identification tag
  - Holes, tears, cuts, abrasive wear or snags
  - Broken stitching or seams
  - Acid or caustic burns
  - Weld splatter or heat damage
  - Any other condition, including visible damage, that causes doubt as to the continued use of the pad

**⚠ IF ANY OF THESE CONDITIONS ARE DETECTED – REMOVE FROM SERVICE IMMEDIATELY.**

**⚠ NEVER USE A DAMAGED PAD OR SLEEVE. A DAMAGED PAD OR SLEEVE MAY NOT PROTECT THE SLING AND LEAD TO FAILURE.**

### INSPECTION FREQUENCIES

1. All slings and rigging shall be inspected before each use.
2. Documented periodic inspections of the pad or sleeve shall be completed at least annually or more frequently depending on service.
  - Refer to ASME B30.9 and / or contact manufacturer for recommendations for guidance on service intervals.

## USE

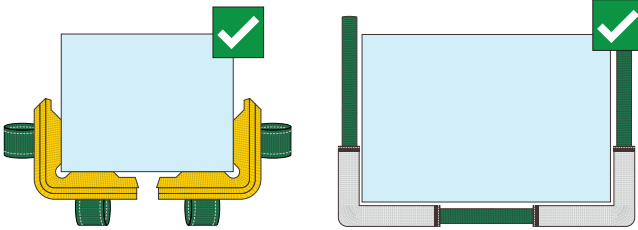
1. Select the appropriate sling and rigging. Only use CornerMax® Sleeves and Pads with synthetic slings.

**⚠ DO NOT USE WITH WIRE ROPE OR CHAIN SLINGS. USE WITH OTHER TYPES OF RIGGING IS PROHIBITED AND CAN LEAD TO FAILURE OF THE SLEEVE/PAD AND/OR RIGGING.**

- Refer to manuals and instructions of selected rigging for proper use.

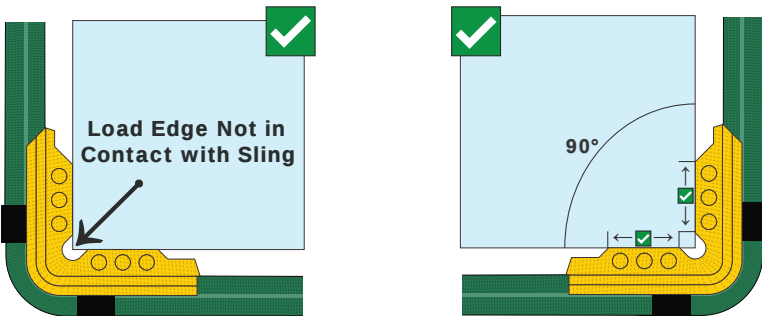
2. Position the pads correctly on the load.

**⚠ ENSURE PADS AND SLEEVES MAKE CONTACT WITH TWO LOAD EDGES.**

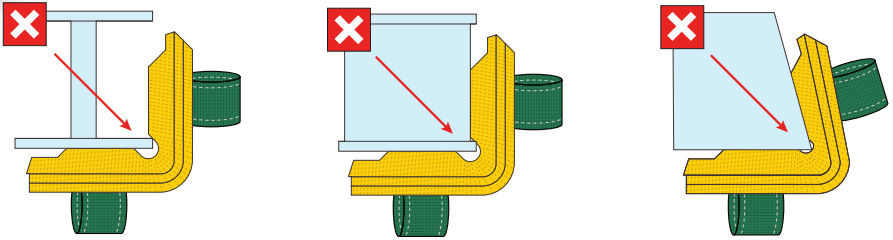


3. CornerMax® Pads must be used in pairs.

4. CornerMax® Pads must be used at a 90° degree angle and make full contact on both sides to create a separation between the edge of the load and the sling.

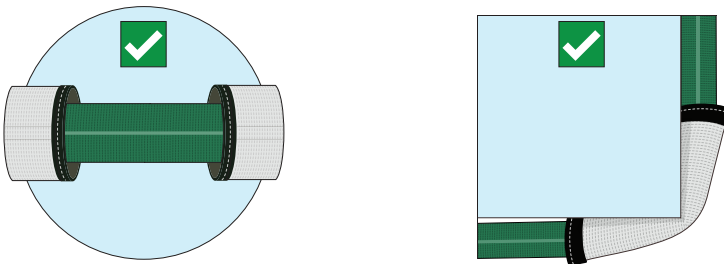


## USE (Continued)



⚠ Do not allow load edge to make contact with the CornerMax® Pad.

5. CornerMax® Sleeves are versatile and can be used on any angled edge or surface.



⚠ To ensure full contact do not use CornerMax® Pads on curved surfaces. Use Cornermax Sleeve Instead.

⚠ Ensure sling is not too wide for the pad being used to avoid sling from contacting edge. Refer to chart on page 8.

⚠ To prevent sling damage ensure all edges are protected. This can include edges at the top of the object being lifted.

⚠ Materials that are hardened or have a Rockwell C hardness above 35 may reduce effective protection for the CornerMax® Sleeve. Consult Slingmax before using above this hardness.

⚠ To prevent damage to the pad, sleeve, and/or sling do not expose to chemicals and/or temperatures above 180°F/82°C.

## USE (Continued)

6. Apply the load carefully and slowly, ensuring the sling and pads and/or sleeves are oriented correctly. You may need to perform this several times to ensure the CornerMax® Pad and Sleeve are not being damaged.

- ⚠ Keep hands clear when the sling is being tightened.
- ⚠ To prevent cutting do not allow the sling, pads or sleeves to slide across edges while under load.
- ⚠ **BE CAREFUL WHILE USING HIGH STRETCH SLINGS, SUCH AS NYLON OR POLYESTER, BECAUSE THEY ARE MORE SUSCEPTIBLE TO CUTTING.**
- ⚠ Stay clear of load at all times!
- ⚠ **STOP THE LIFT IMMEDIATELY IF THE LOAD DOES NOT LIFT EVENLY, THE PADS AND / OR SLEEVES SHIFT, OR ANY OTHER OBSERVED FAILURE OF THE RIGGING IS DETECTED.**



CornerMax® Sleeve being used in the field.

## **CARE**

When storing CornerMax® Pads and Sleeves prevent contact with possible mechanical damage, corrosion, dust, grit or extreme temperatures.

To clean: use mild soap and water and allow to air dry before storing. Do not machine wash or dry, to avoid damaging the pad or sleeve.

## **REPAIR**

CornerMax® Pads and Sleeves cannot be repaired. Immediately remove from service and dispose of damaged pads and sleeves.

## **DISPOSAL**

Before disposing of CornerMax® Pads and Sleeves, they shall be marked or destroyed to prevent inadvertent use.

Waste shall be disposed of in accordance with national and local regulations.

## TRAINING & RESOURCES

Per ASME B30.9 & OSHA

Sling users shall be trained. Qualifying persons performing rigging functions shall meet the applicable criteria and shall, through education, training, experience, skill, and physical ability, as necessary, be competent and capable to perform the job. Rigging training is widely available through your local Slingmax® Dealer.

**For training information please contact your local Slingmax® Dealer or visit [www.slingmax.com](http://www.slingmax.com).**

## ASSOCIATIONS

**For additional information on the safe use, inspection, and training requirements, please consult the standards and reference items below:**

- WSTDA-RS-1HP
- ASME B30.9
- CI 1905
- OSHA 29 CFR, 1910.184
- Slingmax® Rigging Handbook
- Slingmax® Smartphone App



For additional information visit our website  
[www.slingmax.com](http://www.slingmax.com)

### CornerMax® Pad

| CornerMax®<br>Pad<br>Part No. | Approx. Pad<br>Weight (lbs) | Approx. Pad<br>Width (inches) | Maximum<br>Sling Width<br>(inches) |
|-------------------------------|-----------------------------|-------------------------------|------------------------------------|
| CRNMX02                       | 1.00                        | 4                             | 2                                  |
| CRNMX03                       | 1.25                        | 5                             | 3                                  |
| CRNMX04                       | 1.50                        | 6                             | 4                                  |
| CRNMX05                       | 2.00                        | 8                             | 5                                  |
| CRNMX06                       | 2.00                        | 8                             | 6                                  |
| CRNMX08                       | 2.50                        | 10                            | 8                                  |
| CRNMX10                       | 3.00                        | 12                            | 10                                 |
| CRNMX12                       | 5.50                        | 16                            | 12                                 |
| CRNMX14                       | 6.50                        | 18                            | 14                                 |

### CornerMax® Sleeve

| CornerMax®<br>Sleeve<br>Part No. | Approx.<br>Weight Per<br>Foot (lbs) | Approx.<br>Internal<br>Sleeve Width<br>(inches) | Approx.<br>External Sleeve<br>Width (Inches) |
|----------------------------------|-------------------------------------|-------------------------------------------------|----------------------------------------------|
| CRNMXS03                         | .57                                 | 4                                               | 5                                            |
| CRNMXS04                         | .66                                 | 5                                               | 6                                            |
| CRNMXS08                         | .97                                 | 8                                               | 9                                            |
| CRNMXS10                         | 1.19                                | 10                                              | 11                                           |

To calculate maximum working load of a CornerMax® Pad or Sleeve multiply 25,000 lbs by the width of the sling being used. For example, a 5" wide sling would have a maximum working load of 125,000lbs.