

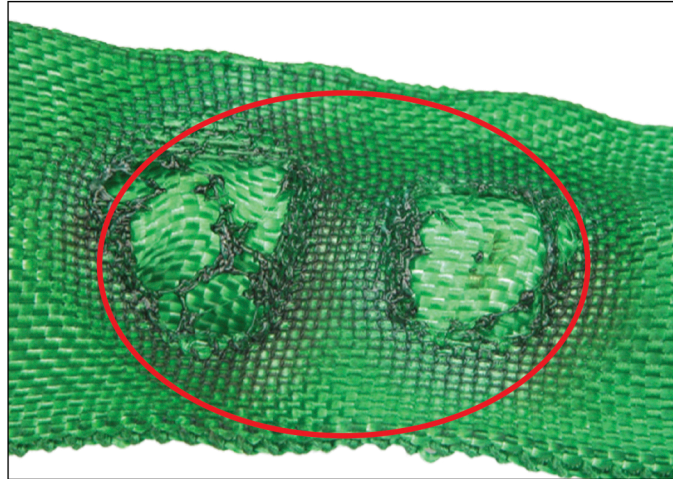
## ROUNDSLING INSPECTION CRITERIA

- General Information
- Web Slings
- Round Slings
- Sling Protection
- Wire Rope
- Chain Slings
- Rigging Hardware
- Mesh Slings
- Load Huggers
- Tow Products
- Lift-All Hoists
- Hoist Rings
- Plate Clamps
- Lifting Devices

### HEAT / CHEMICAL DAMAGE

**WHAT TO LOOK FOR:** Melted or charred fibers anywhere along the sling. Heat and chemical damage look similar and can damage sling fibers, compromising the sling's strength. Look for discoloration and/or fibers that have been fused together and may feel hard or crunchy. Slings showing heat or chemical damage must be removed from service.

**TO PREVENT:** Never use *Tuflex*® roundslings where they can be exposed to temperatures in excess of 200°F, or around chemicals without confirming that the sling material is compatible with the chemicals being used. For elevated temperatures up to 350°F, use *KeyFlex*™ roundslings.



### ILLEGIBLE OR MISSING TAGS

**WHAT TO LOOK FOR:** The information provided on the sling tag is important for knowing what sling to use and how it will function. If you cannot find or read all of the information on a sling tag, the sling must be taken out of service.

**TO PREVENT:** Never set loads down on top of slings or pull slings from beneath loads if there is any resistance. Load edges should never contact sling tags during the lift. Avoid paint or chemical contact with tags.

### KNOTS

**WHAT TO LOOK FOR:** Knots compromise the strength of slings by not allowing all fibers to contribute to the lift as designed. Knots are rather obvious problems as shown here.

**TO PREVENT:** Never tie knots in slings.



**Cuts to the cover NOT exposing internal core yarns.** The double-walled jacket protects the inner core yarns from damage. If the damage appears only to the outer jacket and does not expose the inner core yarns, the sling may remain in service (except chemical or heat damage). The sling may also be returned to *Lift-All* for inspection and repair to the jacket.

**TO PREVENT:** Use the appropriate sling protection between the sling and all edges that come in contact with the sling. See the Sling Protection section in this catalog.

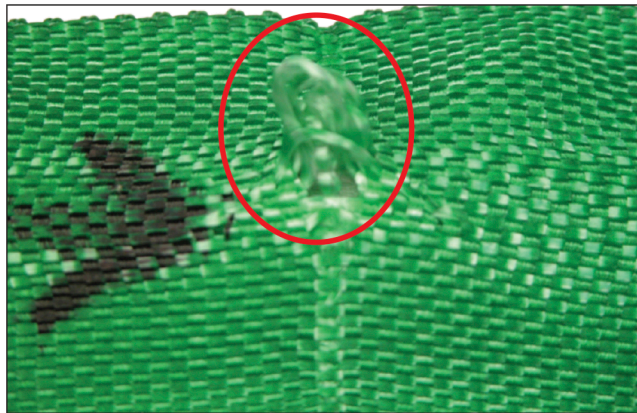
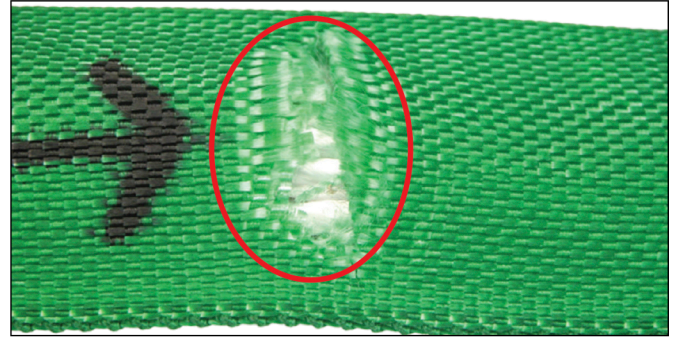
## ROUNDSLING INSPECTION CRITERIA

The following photos illustrate some of the damage that occurs and indicates the sling must be taken out of service. For inspection frequency requirements, see the General Information section in this catalog.

### CUTS TO THE COVER

**WHAT TO LOOK FOR:** Broken fibers of equal length indicate that the sling has been cut. When core yarns are exposed, the damage to the yarns cannot be determined. Therefore, the sling must be taken out of service.

**TO PREVENT:** Always protect synthetic slings from being cut by using cut protection. See Sling Protection section in this catalog.



### HOLES, SNAGS, or PULLS

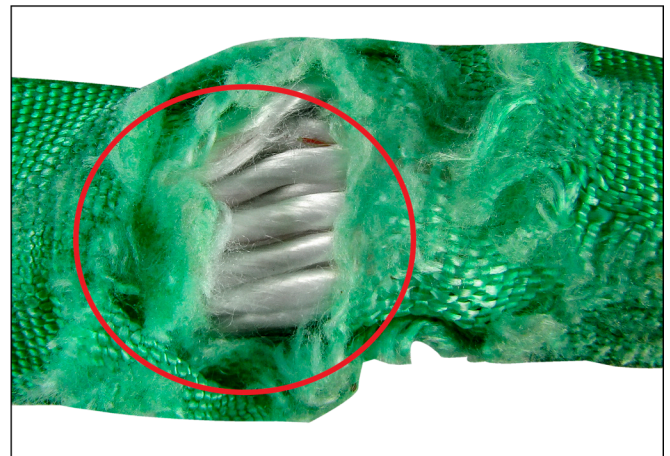
**WHAT TO LOOK FOR:** Punctures or areas where fibers stand out from the rest of the sling surface. Inspect sling and remove from service if core yarn is exposed.

**TO PREVENT:** Avoid sling contact with protrusions, both during lifts and while transporting or storing. See Sling Protection section in this catalog.

### ABRASIVE WEAR

**WHAT TO LOOK FOR:** Areas of the sling that look and feel fuzzy indicate that the fibers have been broken by contact and movement against a rough surface. Affected areas are usually discolored. Inspect sling and remove from service if core yarn is exposed.

**TO PREVENT:** Never drag slings along the ground. Never pull slings from under loads that are resting on the sling. Use wear protection between slings and rough surface loads. See Sling Protection section in this catalog.



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