

## Material Handling Slings

### Synthetic Sling Information

#### Inspecting Web Slings

All synthetic web products are designed for long life under punishing conditions, but they will eventually wear out after extended use. It is important to know when to replace them, and that's why it is of extreme importance to inspect your slings on a regular basis.

Inspection frequency is based upon three important factors:

- Sling Usage-The more frequently a sling is used, the more often inspection is required.
- The Working Environment-The harsher the working conditions, the more often inspection is required.
- Sling Service Life-Based on previous experience in use of slings.

The person handling the slings should do a visual inspection before each lift. Additional inspections should be performed at least annually by a qualified designated person and permanent records should be kept.

OSHA specifies that "Each day before being used, the sling and all fastenings and attachments shall be inspected for damage or defects by a competent person designated by the employer. Additional inspections shall be performed during sling use, where service conditions warrant."

Remove Sling From Service For Any Defects Including the Following:

- If sling rated capacity ID tag is missing or not readable.
- Knots in any part of the sling.
- Distortion or excessive pitting, corrosion or broken fittings.
- Excessive abrasive wear.
- Broken or worn stitching in load bearing splices.
- Acid or alkali burns.
- Melting, charring or weld spatter on any part of the sling.
- Holes, cuts, tears, snags or embedded particles.
- Any other visible damage that creates doubt in the strength of the sling.
- If red core warning yarns are visible.
- Distortion of the sling.
- Anytime a sling is loaded beyond its rated capacity, for any reason.