

Web Sling Safety Information

GENERAL SLING INFORMATION

West Coast Webbing manufactures a full line of high-quality polyester web slings. The 1", 2", 3", 4" and 6" wide slings are made available with 'Protect Edge', a high abrasion resistant polyester fiber which greatly enhances the cut and abrasion resistance of the sling edges. 'Protect Edge' is designed to help extend the life of the sling.

Polyester is the preferred choice for most web sling applications because of its high abrasion resistance qualities and its ability to absorb shocks. Stretching can be reduced by using slings with higher capacities or by using polyester fibers.

Warning:  Chemical and Temperature applications can cause sling degradation.

ACIDS

1. Polyester is resistant to many acids, but is subject to degradation, ranging from none to moderate in some acids.
2. Each application shall be evaluated, taking into consideration the following:
 - Type of Acids
 - Exposure Conditions
 - Concentration
 - Temperature

ALKALIS

1. Polyester is resistant to many alkalis, but is subject to degradation, ranging from none to moderate in some alkalis.
2. Each application shall be evaluated, taking into consideration the following:
 - Type of alkalis
 - Exposure Conditions
 - Concentration
 - Temperature

Warning:  Slings incorporating aluminum fittings shall not be used when fumes Vapors, sprays, wastes or liquids of alkalis and /or acids are present.

TEMPERATURE

1. Polyester slings shall not be used at temperatures in excess of 194°F (90°C), however, they may be used in temperatures as low as -40°F (-40°C).

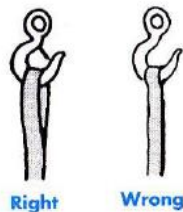
SLING INSPECTIONS

1. New or existing slings shall be inspected before each use to insure that the correct sling is being used, and to determine if the sling meets the requirements of the application.
2. A sling shall be removed from service if any of the following are visible.

- Acid or Alkalis burns
- Melting, charring or weld spatter on any part of the sling
- Holes, tears, cuts, snags or embedded particles
- Broken or worn stitching in load bearing splices
- Excessive abrasion wear
- Knots in any part of the sling
- Distortion, excessive pitting, corrosion or broken fittings
- Other apparent defects which cause doubt as to the strength of the sling
- If sling rating capacity or sling material identification is missing or not readable

Warning: **DANGER** If there is any doubt as to the safe use of any sling it should be removed from service and sent to the manufacturer for inspection.

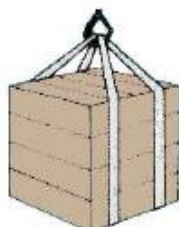
CAUTION – SLING EYES SHOULD FIT THE HOOK: The eyes on all West Coast Webbing polyester slings are constructed to accommodate most crane hooks. However, the user must ensure that the eye is sufficiently long to easily slip on the hook being used, thus reducing stress on stitching.



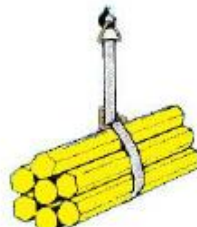
Note: All West Coast Webbing web slings are clearly labeled, showing the safe working load (SWL) for vertical, Choker, and Basket hitches. The safe working load (SWL) is 1/5 of the break strength (safety factor 5 to 1).



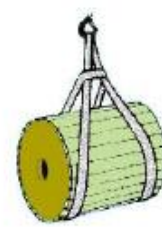
Vertical



Basket



Choker



Choker