

## TUFLEX® ROUNDSLINGS

General Information  
Web Slings  
Round Slings  
Sling Protection  
Wire Rope  
Chain Slings  
Rigging Hardware  
Mesh Slings  
Cargo Control  
Lift-All Hoists  
Hoist Rings  
Plate Clamps  
Lifting Devices

### Features and Benefits

#### Promotes Safety

- Lightweight to reduce fatigue and strain on riggers.
- Synthetic materials will not cut hands.
- Consistent matched lengths for better multiple sling load control.
- No loss of capacity from abrasive wear to the cover.
- *Tuff-Tag* provides serial numbered identification for traceability and required OSHA information for the life of the sling.
- Low stretch (about 3% at rated capacity).
- Smaller lengths are good for low headroom lifts.
- Tubular jacket protects load bearing yarns from UV resistance.
- Red core yarns provide added visual warning of sling damage.

#### Saves Money

- Double-wall cover for greater sling life.
- The soft cover will not scratch the load surface.
- Conforms to shape of the load and grips securely for reduced load damage.
- The cover is seamless with no sewn edges, preventing rupture which requires removal from service.
- EN360 and larger *Tuflex* roundslings feature *Tufhide* wear-resistant nylon jacket for extra sling life.

#### Saves Time

- Lightweight and pliable for easy rigging and storage.
- Independent core yarns choke tightly but release easily after use.
- Easy to store and carry.
- Color-coded capacities for quick identification.

### HOW TO ORDER

1. Specify sling part number found in the charts throughout the *Tuflex* section.
2. Specify sling length in feet (bearing point to bearing point). Refer to footnotes under *Tuflex* tables for specific sling lengths and tolerances.
3. Matched lengths of slings must be specified at time of order.

### TOLERANCES FOR ENDLESS ROUNDSLINGS

The following sling length tolerances apply to roundslings when new, at the time of final manufacture. Standard Length Tolerance – Endless and Eye & Eye style Roundslings should be made in conformance with the length tolerance values listed in the table below. Matched Set Length Tolerance – When multiple legs of a bridle sling are made, or when multiple slings are prescribed to be made within a Matched Set Tolerance, their length variance from their nominal length shall remain within a dimension equal to one-half of their corresponding Standard Length Tolerance Values listed in the table below.

Braided *Tuflex* length tolerance is  $\pm (2" + 5\%$  of the ordered length with sling at rest). At its rated capacity, braided *Tuflex* will stretch approximately 9%.

Roundsling Size / Vertical Capacity Range	Tolerance*
30,000 lbs. or Less	$\pm (1" + 1\%$ of sling length)
Higher than 30,000 lbs., up to 90,000 lbs.	$\pm (2" + 1\%$ of sling length)
Higher than 90,000 lbs., up to 175,000 lbs.	$\pm (3.0" + 1\%$ of sling length)
Higher than 175,000 lbs.	$\pm (\text{Sling Body Diameter} + 1\%$ of sling length)

\* Prior to sling selection and use, please review and understand the General Information section in this catalog.