

# Pro-Edge®: Premium edge for longest life. Superior performance is built-in.

Pro-Edge® is different from most other premium edge slings in that the edge protection is structural — it is built into the sling. Pro-Edge® features edge reinforcement with twisted tire cord yarns — for the same reason that these yarns are used in tires — they provide maximum resistance to wear and abrasion. Additionally, the twisting of these yarns provides an enhanced degree of resistance to abrasion as compared to non-twisted yarns. Longer life means reduced cost per use.

Most other premium edge products are made with non-twisted yarns and with vinyl or polymer edge coatings — coatings that can wear off over time and leave the end-user with a simple “standard” edge sling.

### TOUGHER.

Pro-Edge® is 50% tougher than standard webbing. The edges are made with high tenacity twisted tire-cord yarns. It is a scientific fact that twisted yarns are more resistant to abrasion than untwisted yarns. Since these twists are part of the yarn construction, the abrasion resistance properties of the yarn will not fade away after standard wear. This contrasts with other premium “edge” products, which use untwisted yarns with chemical coatings. When chemical coatings wear off... the consumer is left with ordinary yarns... without realizing they’ve lost edge protection.

### STRONGER.

When submitted to repeated surface and edge abrasion, Pro-Edge® maintains its strength far better than most other webbing products on the market. Pro-Edge® maintains 50% more of its strength than standard webbing when submitted to 2500 cycles of surface abrasion. Superior abrasion resistance is achieved by controlling the shrink process through a special heat-setting process. This is the same process that produces exceptional abrasion resistance in the manufacture of seat belts.

As a standard practice, and even though LIFTEX® Pro-Edge® provides added protection, it’s important to understand that load edges in contact with ANY type of synthetic sling must be “protected” with materials of sufficient thickness or strength to prevent sling damage. Lifetex® offers a complete selection of wear pads and sleeves- see catalog and price list.

### LIFTEX® POCKET TAG

#### WHY IS THIS TAG THE BEST?

Our Lifetex® Pocket Tag is our new Premium tagging system. It offers the strongest combination of:

- Maximizing “tag life” — thereby reducing the necessity to take slings out of service due to damaged or illegible tag.
- A professional look with laser printed content (as opposed to hand-writing serial # and product info).
- Private labeling capabilities.

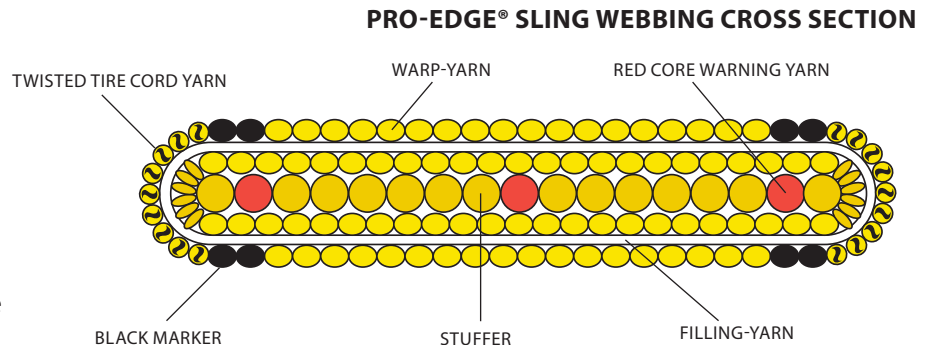


PVC Pocket continuously sewn for maximum protection and durability.

Laser printing black on white for maximum clarity and legibility.

### ADVANTAGES OF PRO-EDGE®

- A webbing of double-ply construction with stuffers, made out of high-tenacity yarns.
- The edges consist of twisted tire-cord yarns.
- The webbing is dyed and impregnated with a high-quality mix of various binders which enhance abrasion resistance.
- Pro-Edge® slings are available in nylon or polyester.



For more information about Pro-Edge® please visit [www.proedgeslings.com](http://www.proedgeslings.com)

# Pro-Edge® — At a Glance



### PRO-EDGE® — PREMIUM EDGE FOR LONGEST LIFE

- Everyday use in good to rugged lifting conditions
- Structural edge reinforcement and abrasion resistance provides maximum sling service life
- Tapered eyes (3" and greater width)
- Available in polyester or nylon
- Liftex® Pocket Tag — the most durable tagging system

| <b>PRO-EDGE®</b>                  |                    |
|-----------------------------------|--------------------|
| Polyester                         | Yes                |
| Nylon                             | Optional           |
| Usage type                        | General Daily      |
| Usage conditions                  | Good to Rugged     |
| Red Core Warning Yarns            | Yes                |
| Design Factor (New/Unused Sling)  | 5:1                |
| Tag                               | Liftex® Pocket Tag |
| Treated Web — Abrasion Resistance | Yes                |
| Eye Protection                    | Optional           |
| Premium Edge Construction         | Yes                |
| RFID Chip                         | Optional           |

## Eye & Eye (EE- TYPE III / TE- TYPE IV)

Eye & Eye “EE” Web slings are made with a loop, or eye, on each end of the body. Eyes vary depending on the application but may be ordered as follows:



### TYPE III

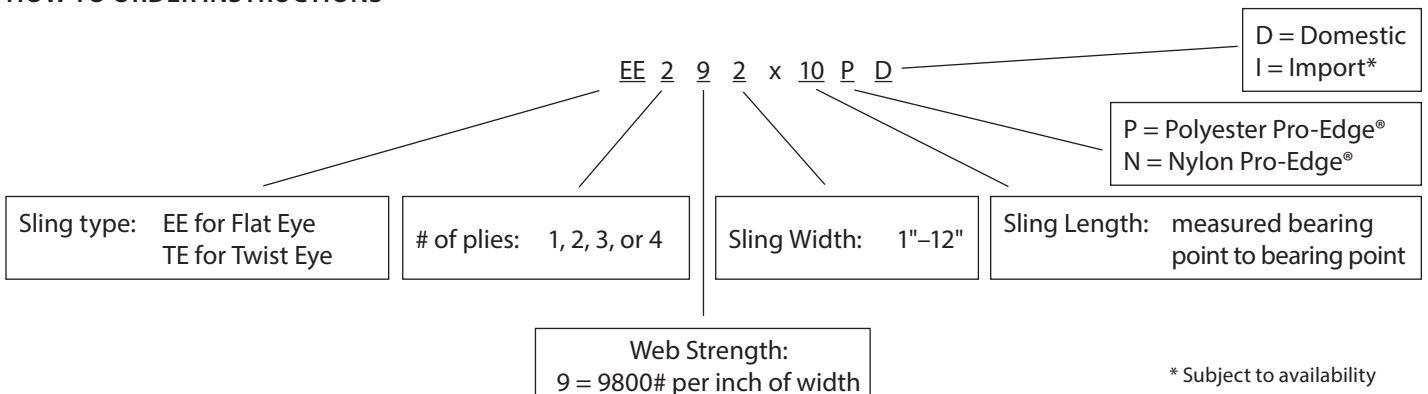
“EE” Web sling made with a flat loop eye on each end with loop eye opening on same plane as the sling body. This type of sling is sometimes called: flat eye & eye; eye & eye or double eye sling. Versatile and flexible, this sling can be used in all three hitches (vertical, basket and choker).



### TYPE IV

“TE” Web sling made with a loop eye on each end that is at a right angle to the plane of the sling body. This type of sling is commonly referred to as a “twisted eye” sling. This sling is suitable for all hitches, but is recommended particularly for choker hitch application.

### HOW TO ORDER INSTRUCTIONS



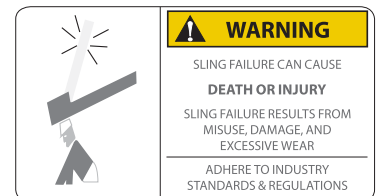
## EYE &amp; EYE WEB SLING CAPACITY CHART

|           | Part Number | Web Width (inches) | Rated Capacity (lbs.) |        |                 | Eye Dimensions |                 | Approximate Sling Weight (lbs.) |      |           |
|-----------|-------------|--------------------|-----------------------|--------|-----------------|----------------|-----------------|---------------------------------|------|-----------|
|           |             |                    | Vertical              | Choker | Vertical Basket | Width (inches) | Length (inches) | Min. Standard Length (ft)       | Base | Adder/ft. |
| One Ply   | EE191       | 1                  | 1,600                 | 1,250  | 3,200           | 1              | 9               | 3                               | .4   | .06       |
|           | EE192       | 2                  | 3,200                 | 2,560  | 6,400           | 2              | 9               | 4                               | .9   | .12       |
|           | EE193       | 3                  | 4,800                 | 3,840  | 9,600           | 1 1/2          | 9               | 4                               | 1.4  | .18       |
|           | EE194       | 4                  | 6,400                 | 5,120  | 12,800          | 2              | 12              | 4                               | 1.9  | .24       |
|           | EE196       | 6                  | 9,600                 | 7,680  | 19,200          | 2              | 14              | 5                               | 3.4  | .36       |
|           | EE198       | 8                  | 12,800                | 10,240 | 25,600          | 3              | 18              | 6                               | 5.3  | .48       |
|           | EE1910      | 10                 | 16,000                | 12,800 | 32,000          | 4              | 22              | 8                               | 8.0  | .60       |
|           | EE1912      | 12                 | 19,200                | 15,360 | 38,400          | 5              | 26              | 8                               | 9.8  | .72       |
| Two Ply   | EE291       | 1                  | 3,200                 | 2,560  | 6,400           | 1              | 9               | 3                               | .4   | .13       |
|           | EE292       | 2                  | 6,400                 | 5,120  | 12,800          | 2              | 9               | 3                               | .9   | .25       |
|           | EE293       | 3                  | 9,300                 | 7,440  | 18,600          | 1 1/2          | 12              | 4                               | 1.7  | .38       |
|           | EE294       | 4                  | 11,500                | 9,200  | 23,000          | 2              | 12              | 4                               | 2.3  | .50       |
|           | EE296       | 6                  | 16,500                | 13,200 | 33,000          | 2              | 14              | 6                               | 4.9  | .76       |
|           | EE298       | 8                  | 22,750                | 18,200 | 45,500          | 3              | 18              | 6                               | 6.5  | 1.0       |
|           | EE2910      | 10                 | 28,400                | 22,720 | 56,800          | 4              | 22              | 7                               | 9.4  | 1.3       |
|           | EE2912      | 12                 | 34,100                | 27,280 | 68,200          | 5              | 26              | 8                               | 13   | 1.5       |
| Three Ply | EE391       | 1                  | 4,100                 | 3,280  | 8,200           | 1              | 12              | 4                               | 1.0  | .20       |
|           | EE392       | 2                  | 8,300                 | 6,640  | 16,600          | 2              | 12              | 4                               | 2.1  | .40       |
|           | EE393       | 3                  | 12,500                | 10,000 | 25,000          | 1 1/2          | 18              | 5                               | 3.7  | .59       |
|           | EE394       | 4                  | 16,000                | 12,800 | 32,000          | 2              | 18              | 5                               | 5.0  | .79       |
|           | EE396       | 6                  | 23,000                | 18,400 | 46,000          | 3              | 20              | 5                               | 7.6  | 1.2       |
|           | EE398       | 8                  | 30,700                | 24,560 | 61,400          | 4              | 24              | 7                               | 13   | 1.6       |
|           | EE3910      | 10                 | 36,800                | 29,440 | 73,600          | 5              | 28              | 7                               | 16   | 2.0       |
|           | EE3912      | 12                 | 44,000                | 35,200 | 88,000          | 6              | 32              | 7                               | 20   | 2.4       |
| Four Ply  | EE491       | 1                  | 6,200                 | 4,960  | 12,400          | 1              | 12              | 4                               | 1.1  | .26       |
|           | EE492       | 2                  | 12,400                | 9,920  | 24,800          | 2              | 12              | 4                               | 2.2  | .53       |
|           | EE493       | 3                  | 17,000                | 13,600 | 34,000          | 1 1/2          | 18              | 5                               | 4.1  | .79       |
|           | EE494       | 4                  | 22,000                | 17,600 | 44,000          | 2              | 18              | 5                               | 5.5  | 1.1       |
|           | EE496       | 6                  | 33,000                | 26,400 | 66,000          | 3              | 20              | 5                               | 8.3  | 1.6       |
|           | EE498       | 8                  | 44,000                | 35,200 | 88,000          | 4              | 24              | 7                               | 15   | 2.1       |
|           | EE4910      | 10                 | 55,000                | 44,000 | 110,000         | 5              | 28              | 7                               | 19   | 2.6       |
|           | EE4912      | 12                 | 66,000                | 52,800 | 132,000         | 6              | 32              | 7                               | 23   | 3.2       |

\* Before ordering slings that are going to be used in a chemically active environment, contact Lifetex® Customer Service, to recommend the right sling for the right usage.

Chemically Active Environments can affect the strength of webbing slings in varying degrees, ranging from little to total degradation.

Available in:



## Specific Removal Criteria for Flat Web Slings

The web sling shall be removed from service if any of the following are visible:

- Missing or illegible identification
- Acid or caustic burns
- Melting or charring of any part of the sling
- Holes, tears, cuts, snags or embedded articles
- Broken or worn stitching in load bearing splices
- Excessive abrasive wear
- Knots in any part of the sling
- Discoloration and brittle or stiff areas on any part of the sling, which may indicate chemical or ultraviolet/sunlight damage
- Fittings that display excessive pitting, corrosion, or are cracked, bent, twisted, gouged or broken
- For hooks — see ASME B30.10 for removal criteria
- For fittings — see ASME B30.26 for removal criteria
- Other conditions and/or visible damage that cause doubt as to the continued use of the sling.

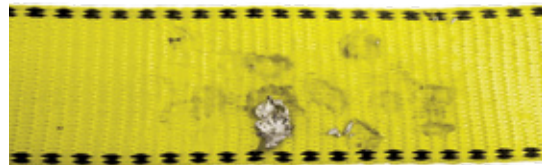
### EXAMPLES OF WEB SLINGS TO BE REMOVED FROM SERVICE:

See page 56 for inspection form.

SLING KNOT



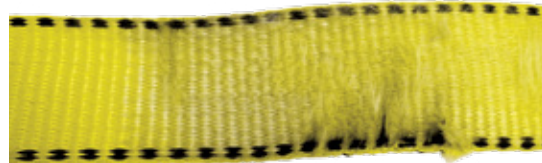
SLING WELD SPLATTERS



SLING CUTS



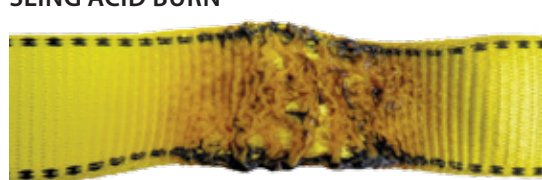
SLING ABRASION



SLING FRAYS AND PULLS



SLING ACID BURN



\* CONTACT A LIFTEx® REPRESENTATIVE OR DISTRIBUTOR WITH ANY SAFETY CONCERNS PRIOR TO USE. EACH IMAGE IS ONLY ONE EXAMPLE OF EACH TYPE OF DAMAGE.