

## The Strongest and Lightest Slings in the World

Rigging injuries decrease when lighter, less cumbersome slings are used. Light, flexible **KeyFlex™** Roundslings help prevent injuries.

### Sling Weights per Capacities

On the average, **KeyFlex™** Roundslings are:

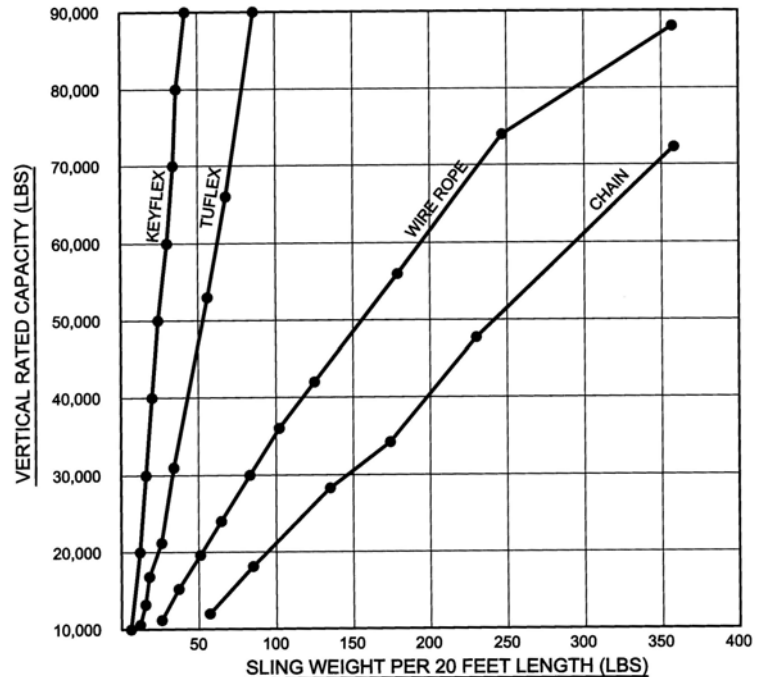
- 53% lighter than **Tufflex™** Roundslings,
- 82% lighter than Wire Rope Slings,
- 89% lighter than G80 Chain Slings

The chart at the right plots the weights of 20 ft. long slings at five different capacities:




Sling Type	Vertical Rating	Weight
<b>KeyFlex™</b>	90,000 lbs.	42 lbs.
<b>Tufflex</b>	90,000 lbs.	86 lbs.
Wire Rope	88,000 lbs.	357 lbs.
Chain	72,300 lbs.	358 lbs.

### KeyFlex™ Benefits:

- Lowest weight per capacity reduces risk of back and other injuries to riggers.
- Low stretch (1% at rated capacity) reduces elastic bounce for better load control – allows for use in most low headroom situations – reduces sling and load abrasion.
- Aramid load yarns allow sling use up to 350°F versus 200°F for other synthetics.
- Light weight and compact size promotes speedier rigging, transport and storage when compared to any other type of sling.



### KeyFlex™ Capacities and Measurements

Part No.	Rated Capacity (lbs.)			Min. Length (ft.)	Approximate Measurements			Minimum Hardware Dia. (in.)
	Vertical 	Choker 	Basket 		Weight (lbs./ft.)	Body Dia. Relaxed (in.)	Width at Load (in.)	
KEN10K	10,000	8,000	20,000	3	.3	1	1 3/4	7/8
KEN15K	15,000	12,000	30,000	3	.5	1 1/8	2	1
KEN20K	20,000	16,000	40,000	3	.6	1 1/4	2 1/4	1-1/4
KEN25K	25,000	20,000	50,000	3	.7	1 1/4	2 1/2	1-3/8
KEN30K	30,000	24,000	60,000	8	.8	1 3/8	2 3/4	1-1/2
KEN40K	40,000	32,000	80,000	8	1.0	1 3/4	3	1-1/2
KEN50K	50,000	40,000	100,000	10	1.2	1 7/8	3 1/2	1-3/4
KEN60K	60,000	48,000	120,000	10	1.5	2	3 3/4	2
KEN70K	70,000	56,000	140,000	10	1.7	2 1/8	4	2-1/2
KEN80K	80,000	64,000	160,000	10	1.8	2 1/4	4 1/4	2-1/2
KEN90K	90,000	72,000	180,000	10	2.1	2 1/2	4 3/4	2-1/2
KEN100K	100,000	80,000	200,000	10	2.6	2 3/4	5	2-1/2
KEN125K	125,000	100,000	250,000	10	3.0	3	5 1/4	3
KEN150K	150,000	120,000	300,000	10	3.5	3 1/4	5 1/2	3-1/2
KEN175K	175,000	140,000	350,000	10	4.0	3 1/2	6	3-1/2
KEN200K	200,000	160,000	400,000	10	4.5	3 3/4	6 1/4	3-1/2

# KeyFlex™ ARAMID ROUNDSLINGS



*Your Key to lifting heavy loads using the lightest, most flexible sling available !*

## KeyFlex™ Roundslings Share Most of the Benefits of Standard Tuflex™ Roundslings

### Promote Safety

- Synthetic materials won't cut hands
- Consistent matched lengths for better multiple sling control
- No loss of strength from abrasion on double walled jacket
- Tuff-Tag™ provides serial numbered identification for traceability
- Conforms to shape of load to grip securely
- Load bearing yarns protected from UV degradation
- Contrasting color core yarns provide visual warning of sling damage  
(KeyFlex™ : Orange jacket, Gold Core Yarns)
- Endless style promotes load stability by spreading sling legs

### Inspection Criteria

Remove from service when:

- Cuts to sling cover expose gold core yarns
- Holes, tears, snags or abrasion expose gold core yarns
- End fittings are pitted or corroded, cracked, distorted or broken
- The sling shows signs of melting, charring or chemical damage
- Capacity tag is illegible or missing
- Other visible damage causes doubt as to strength of the sling

### Environmental Considerations

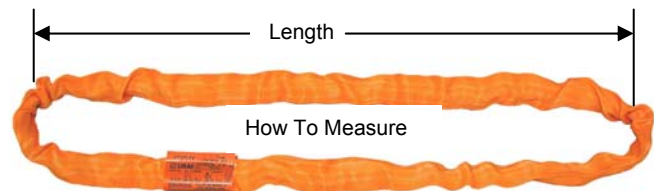
- CHEMICAL - Do not use in a chemical environment without first contacting the Lift-All engineering department at 717-898-6615. Please provide specific chemical, concentration, temperature and time factors.
- TEMPERATURE – KeyFlex™ are approved for use up to 350°F.

### Saves Time

- Independent core yarns choke tightly, but release easily after use

### Saves Money

- Double wall cover for greater sling life
- Soft cover won't scratch load surface
- Conforms to shape of load to reduce load damage
- Seamless – no sewn edges to rupture prematurely, requiring removal from service
- Tufhide wear resistant nylon jacket for extra sling life standard KEN60K and larger sizes
- Tuff-Tag provides required OSHA information for life of the sling, not just the life of the tag
- Wear points can be shifted to extend sling life
- Endless version is the most versatile style of sling
- KeyFlex™ roundslings with damaged covers may be returned to our factory for inspection and possible repair and proof test.



### Ordering Information

Specify the sling code and length in feet (bearing point to bearing point). KeyFlex™ are made to a tolerance of  $\pm 1\%$  of the specified length ( $\pm 1"$  minimum tolerance) and can stretch 1% at rated capacity.

*Note: Matched lengths of slings must be specified at time of order. Available in endless style only.*



1909 McFarland Dr.  
Landisville, PA 17538-1810

**800-909-1964**  
**www.lift-all.com**