

KeyFlex™ Aramid Roundslings

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:

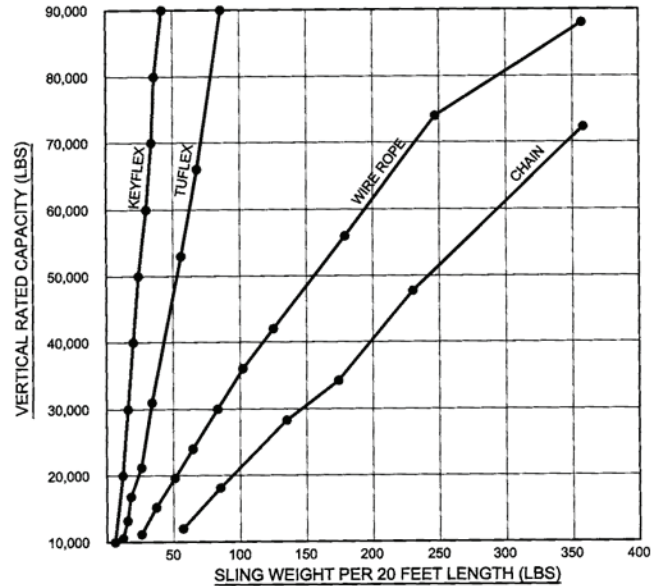
- 53% lighter than **Tuflex™** Roundslings,
- 82% lighter than Wire Rope Slings,
- 89% lighter than G80 Chain Slings

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

Sling Type	Vert. Rating	Weight
KeyFlex™	90,000 lbs.	42 lbs.
Tuflex™	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.
- Lightweight 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.)*			Minimum Length (ft.)	Approximate Measurements			
	Vertical	Choker	Basket		Weight (lbs. / ft.)	Body Dia. Relaxed (in.)	Width at Load (in.)	Minimum Hardware Dia. (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	3	.8	1 3/8	2 3/4	1 1/2
KEN40K	40,000	32,000	80,000	3	1.0	1 3/4	3	1 1/2
KEN50K	50,000	40,000	100,000	5	1.3	1 7/8	3 1/2	1 3/4
KEN60K	60,000	48,000	120,000	8	1.7	2	3 3/4	2
KEN70K	70,000	56,000	140,000	8	1.9	2 1/8	4	2 1/2
KEN80K	80,000	64,000	160,000	8	2.1	2 1/4	4 1/4	2 1/2
KEN90K	90,000	72,000	180,000	8	2.4	2 1/2	4 3/4	2 1/2
KEN100K	100,000	80,000	200,000	8	2.6	2 3/4	5	2 1/2
KEN125K	125,000	100,000	250,000	8	3.0	3	5 1/4	3
KEN150K	150,000	120,000	300,000	8	3.5	3 1/4	5 1/2	3 1/2
KEN175K	175,000	140,000	350,000	8	4.0	3 1/2	6	3 1/2
KEN200K	200,000	160,000	400,000	8	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 Tufflex™ 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 that causes doubt as to strength of the sling

Environmental Considerations

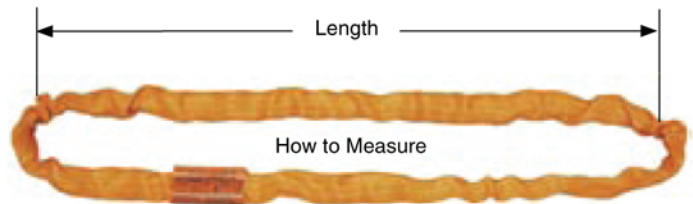
- **CHEMICAL** - Do not use in a chemical environment without first contacting the Lift-All engineering department at 717-898-6615. Please provide specific chemical, concentration, temperature and time factors.
- **TEMPERATURE** –*KeyFlex*™ are approved for use up to 350° F.
- **WARNING:** These products may contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

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
- *Tuffhide* 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 (± 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.



WARNING

Always protect Roundslings from being cut or damaged by corners, edges or protrusions. Refer to wear pads section, page 123 for available protective devices.