

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.
- Added security of a double-walled jacket.
- *Tuff-Tag* provides serial numbered identification for traceability.
- Conforms to shape of load to grip securely.
- Tubular jacket protects load bearing yarns from UV degradation.
- Core yarns provide visual warning of sling damage. **KeyFlex** orange jacket, *Technora*® 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.
- 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

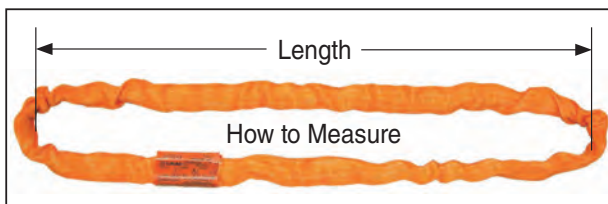
- **CHEMICAL:** Do not use in a chemical environment without first contacting *Lift-All*. Please provide specific chemical, concentration, temperature and time factors.
- **TEMPERATURE:** **KeyFlex** are approved for use up to 350°F.

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 with no sewn edges, preventing rupture which requires removal from service.
- *Tufhide* wear resistant nylon jacket for extra sling life standard on KEN60K and larger sizes.
- *Tuff-Tag* provides required OSHA information for life of the sling.
- 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 slings are made to a tolerance of $\pm 1"+1\%$ of the specified length, and can stretch 1% at rated capacity.

Notes:

1. Matched lengths of slings must be specified at time of order.
2. Available in endless style only.

* **WARNING**

Always protect Roundslings from corners, edges, or protrusions. Refer to the Sling Protection section of this catalog to choose the right protection product for your lift.

THE STRONGEST AND LIGHTEST SLINGS IN THE WORLD

Keyflex roundslings are light and flexible to help prevent work-related injuries

Per comparable capacities, **KeyFlex** roundslings are on average:

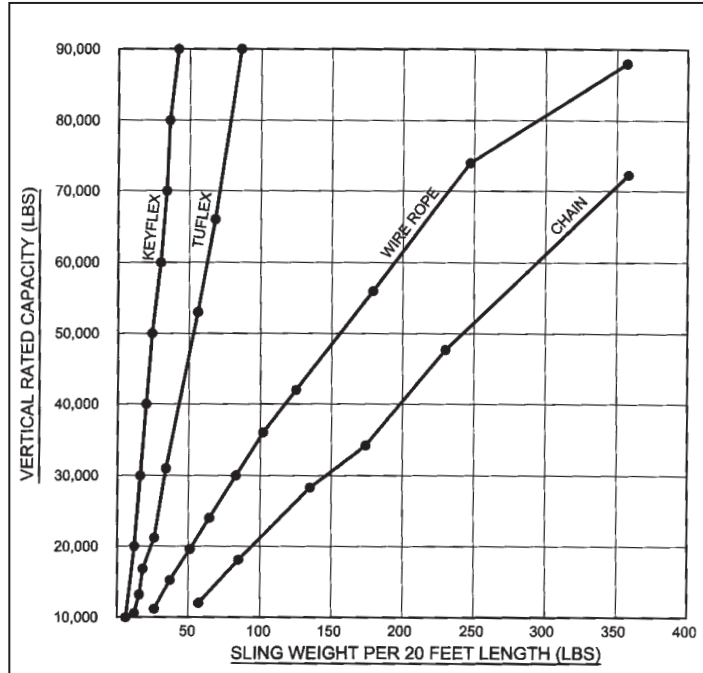
- 53% lighter than *Tuflex* Roundslings,
- 82% lighter than Wire Rope Slings,
- 89% lighter than G80 Chain Slings

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.
<i>Tuflex</i>	90,000 lbs.	86 lbs.
Wire Rope	88,000 lbs.	357 lbs.
Chain	72,300 lbs.	

KeyFlex Benefits:

- Lowest weight per capacity reduces risk of injury to riggers.
- 1% stretch at rated capacity reduces abrasion and allows for better load control.
- Great for low headroom situations.
- 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.



Round Slings

KeyFlex Capacities and Measurements

Part Number	Rated Capacity (lbs.)				Minimum Length (ft.)	Approximate Measurements			
	Vertical	Choker	Basket @ 90°	Basket @ 45°		Weight (lbs. / ft.)	Body Diameter Relaxed (in.)	Width at Load (in.)	Minimum Hardware Diameter (in.)
KEN10K	10,000	8,000	20,000	14,100	3	.3	1.00	1.56	0.69
KEN15K	15,000	12,000	30,000	21,000	3	.5	1.13	1.75	0.88
KEN20K	20,000	16,000	40,000	28,000	3	.6	1.25	2.00	1.06
KEN25K	25,000	20,000	50,000	35,000	3	.7	1.25	2.13	1.25
KEN30K	30,000	24,000	60,000	42,000	3	.8	1.38	2.13	1.44
KEN40K	40,000	32,000	80,000	56,000	3	1.0	1.75	2.75	1.50
KEN50K	50,000	40,000	100,000	70,000	5	1.3	1.88	2.88	1.75
KEN60K	60,000	48,000	120,000	84,000	5	1.7	2.00	3.13	2.00
KEN70K	70,000	56,000	140,000	98,000	8	1.9	2.13	3.25	2.19
KEN80K	80,000	64,000	160,000	113,000	8	2.1	2.25	3.50	2.38
KEN90K	90,000	72,000	180,000	127,000	8	2.4	2.50	3.88	2.38
KEN100K	100,000	80,000	200,000	141,000	8	2.6	2.75	4.25	2.50
KEN125K	125,000	100,000	250,000	176,000	8	3.0	3.00	4.88	2.63
KEN150K	150,000	120,000	300,000	210,000	8	3.5	3.25	5.25	2.88
KEN175K	175,000	140,000	350,000	240,000	8	4.8	3.50	5.75	3.13
KEN200K	200,000	160,000	400,000	280,000	8	5.3	3.75	6.13	3.38