

## HIGH-PERFORMANCE ROUNDSLINGS

### Ordering Information

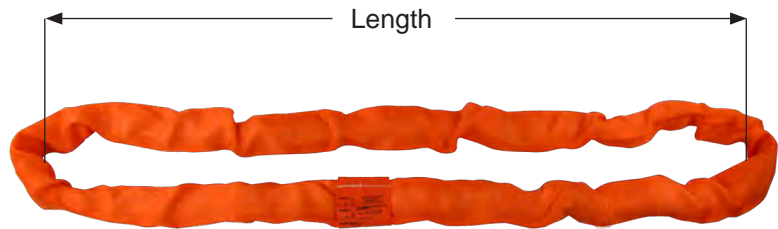
Specify the sling code and length in feet (bearing point to bearing point).

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.
3. Not to be used in a towing application.

### How to Measure



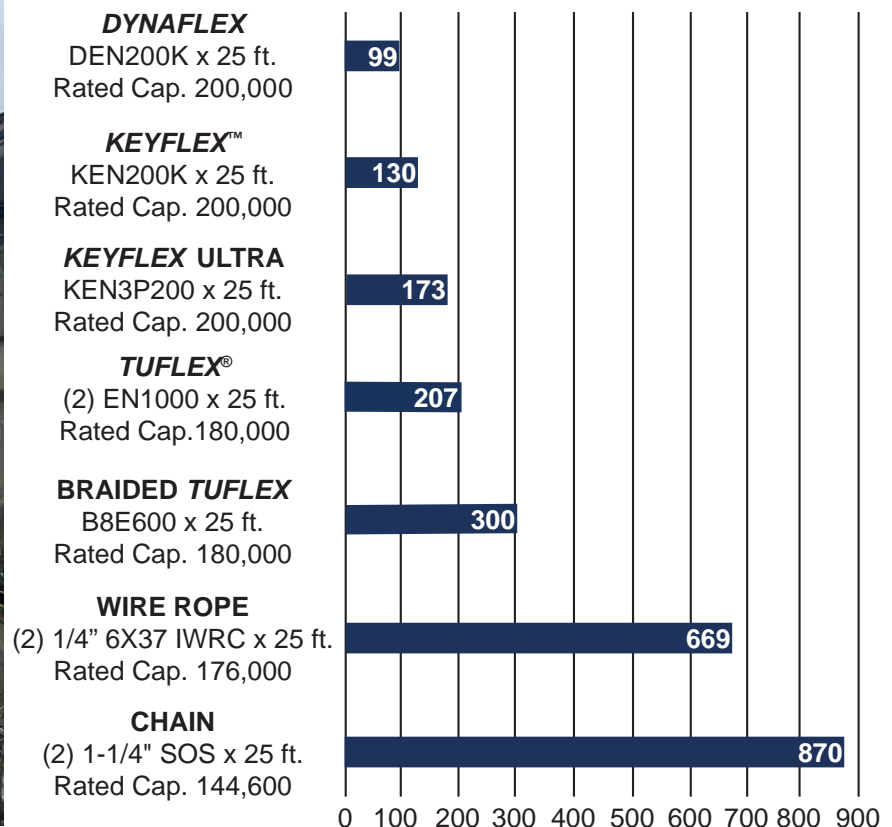
## DYNAFLEX™ ROUNDSLING

### Dyneema® High-Performance Core Ultra-Lightweight Roundsling

*DynaFlex* is manufactured with a load-bearing core of *Dyneema*, the world's strongest fiber, yet remains soft and flexible to allow for easy rigging. This high-capacity, ultra-lightweight roundsling is a safe and ergonomic alternative to steel and other forms of synthetic slings.



### Approximate Sling Weight in lbs.



\* **WARNING** Do not exceed rated capacities. Sling tension increases as the angle from horizontal decreases. Slings should not be used at angles of less than 30°. Refer to the Effect of Angle chart in the General Information section of this catalog. **Always protect synthetic slings from being cut by corners and edges. See the Sling Protection section in this catalog.**

## DYNAFLEX™ ROUNDSLINGS

### Features and Benefits

- **Ultra-Lightweight** – Approximately 20% lighter than *KeyFlex™* and 52% lighter than *Tuflex®* for the same capacity, reducing the probabilities of hand and shoulder strains and sprains.
- **Good Chemical Resistance with Reduced Water Absorption** – A 10' *DynaFlex* sling will increase 6 pounds in water weight when rigged wet vs. 13 pounds for the same capacity and length *Tuflex* roundslings. Users will appreciate the weight reduction, minimizing rigger fatigue and increasing safety.
- **Neutral Buoyancy** – *DynaFlex* slings are a great choice for water recovery and lifting applications.
- **100% Dyneema Core (non-blended)** – We use the most advanced high tenacity fiber on the market for lifting slings. The homogeneous core fiber reacts uniformly regardless of lift application. Designed with your safety in mind.
- ***DynaFlex* Single Component Twisted Core** – Single path design allows higher strength retention around common rigging hardware. This saves time during hook up to the connection point and rigging vs. dual path slings. No need to worry about sling body orientation.
- **Promotes Safety** – Customized designs are available, including higher capacity and/or shorter length versions.

**Note:** *DynaFlex* slings are approved for use up to 158°F.



Scan and learn more  
about *Lift-All's DynaFlex*  
Roundslings.

### DynaFlex Capacities and Measurements

| Part Number | Rated Capacity (lbs.)* |         |              |              | Min. Length (ft.) | Approximate Measurements |                         |                     |                          |                                |
|-------------|------------------------|---------|--------------|--------------|-------------------|--------------------------|-------------------------|---------------------|--------------------------|--------------------------------|
|             | Vertical               | Choker  | Basket @ 90° | Basket @ 45° |                   | Wt. (lbs./ft.)           | Body Dia. Relaxed (in.) | Contact Width (in.) | Min. Hardware Dia. (in.) | Min. Edge Contact Radius (in.) |
| DEN10K      | 10,000                 | 8,000   | 20,000       | 14,100       | 2                 | 0.25                     | 1.00                    | 1.56                | 0.69                     | 0.23                           |
| DEN15K      | 15,000                 | 12,000  | 30,000       | 21,000       | 3                 | 0.38                     | 1.13                    | 1.75                | 0.88                     | 0.31                           |
| DEN20K      | 20,000                 | 16,000  | 40,000       | 28,000       | 3                 | 0.44                     | 1.25                    | 2.00                | 1.06                     | 0.37                           |
| DEN25K      | 25,000                 | 20,000  | 50,000       | 35,000       | 3                 | 0.54                     | 1.25                    | 2.13                | 1.25                     | 0.47                           |
| DEN30K      | 30,000                 | 24,000  | 60,000       | 42,000       | 3                 | 0.66                     | 1.38                    | 2.13                | 1.44                     | 0.50                           |
| DEN40K      | 40,000                 | 32,000  | 80,000       | 56,000       | 3                 | 0.79                     | 1.75                    | 2.75                | 1.50                     | 0.53                           |
| DEN50K      | 50,000                 | 40,000  | 100,000      | 70,000       | 5                 | 1.16                     | 1.88                    | 2.88                | 1.75                     | 0.62                           |
| DEN60K      | 60,000                 | 48,000  | 120,000      | 84,000       | 5                 | 1.31                     | 2.00                    | 3.13                | 2.00                     | 0.69                           |
| DEN70K      | 70,000                 | 56,000  | 140,000      | 98,000       | 8                 | 1.47                     | 2.13                    | 3.25                | 2.19                     | 0.76                           |
| DEN80K      | 80,000                 | 64,000  | 160,000      | 113,000      | 8                 | 1.59                     | 2.25                    | 3.50                | 2.38                     | 0.82                           |
| DEN90K      | 90,000                 | 72,000  | 180,000      | 127,000      | 8                 | 1.94                     | 2.50                    | 3.88                | 2.38                     | 0.83                           |
| DEN100K     | 100,000                | 80,000  | 200,000      | 141,000      | 8                 | 2.06                     | 2.75                    | 4.25                | 2.50                     | 0.84                           |
| DEN125K     | 125,000                | 100,000 | 250,000      | 176,000      | 8                 | 2.60                     | 3.00                    | 4.88                | 2.63                     | 0.92                           |
| DEN150K     | 150,000                | 120,000 | 300,000      | 210,000      | 8                 | 3.24                     | 3.25                    | 5.25                | 2.88                     | 1.00                           |
| DEN175K     | 175,000                | 140,000 | 350,000      | 240,000      | 8                 | 3.51                     | 3.50                    | 5.75                | 3.13                     | 1.10                           |
| DEN200K     | 200,000                | 160,000 | 400,000      | 280,000      | 8                 | 3.90                     | 3.75                    | 6.13                | 3.38                     | 1.18                           |

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