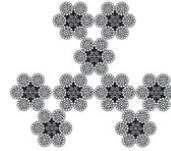


PRODUCT CATALOG

Nine-Part Body

- ▶ Flexibility and handling ease
- ▶ Sling body formed with nine parts
- ▶ Greater lifting capacity



Flexibility and handling ease for rigging large lifts are the main benefits of the 9-PART SLINGS. The 9-part sling is made by laying wire rope continuously through both eyes and the sling body. This results in a body formed with nine parts.

The improved efficiency of the 9-Part Super-Flex slings is backed with a proven design that provides internal adjustment to distribute the load among all nine parts of the sling body. The 9-part sling is made by laying wire rope components continuously through both eyes and the sling body. This results in a body with improved flexibility and handling ease for rigging large lifts. Only two splices occur in the entire sling – where the component rope ends are spliced at the eyes. The sling construction makes it possible to easily inspect all parts of the sling before and after each lift, which is important to remember if the sling is to be used many times.

When a sling body must conform to a tight choke hitch or must bend in a tight radius, such as around a pin or post, a 9-part construction may be the most suitable since it can develop greater lifting capacity from a smaller component rope.

S91 Nine-part wire rope sling

| | | Rated Capacity - Tons of 2,000 lbs.* | | | | | | | | |
|---|-----------------------------------|--------------------------------------|------------------------------------|----------------------------------|----------------------|----------------------|----------------------|--------------------------|---------------------------|---|
| XIP IWRC Comp. Rope Dia. (inches) | Sling Body Dia. (inches) | Vert. (US Tons) | Vert. Choker** (US Tons) | Basket Hitch and 2-leg Bridle | | | | EyeDimensions | | Weight Lbs. per ft. (Approx) |
| | | | | Vert. (US Tons) | 60° (US Tons) | 45° (US Tons) | 30° (US Tons) | Eye Width (inches) | Eye Length (inches) | |
| | | | | | | | | | | |
| 1/4 | 1 | 4.9 | 4.3 | 10 | 8.5 | 6.9 | 4.9 | 6 | 12 | 1 |
| 5/16 | 1 1/4 | 7.6 | 6.6 | 15 | 13 | 11 | 8 | 6 | 12 | 2 |
| 3/8 | 1 1/2 | 11 | 10 | 22 | 19 | 15 | 11 | 7 1/2 | 13 | 3 |
| 7/16 | 1 3/4 | 15 | 13 | 29 | 25 | 21 | 15 | 9 | 18 | 4 |
| 1/2 | 2 | 19 | 17 | 38 | 33 | 27 | 19 | 10 | 20 | 5 |
| 9/16 | 2 1/4 | 24 | 21 | 48 | 42 | 34 | 24 | 12 | 24 | 6 |
| 5/8 | 2 1/2 | 30 | 26 | 59 | 51 | 42 | 30 | 12 | 24 | 8 |
| 3/4 | 3 | 42 | 37 | 85 | 73 | 60 | 42 | 15 | 30 | 11 |
| 7/8 | 3 1/2 | 57 | 50 | 115 | 99 | 81 | 57 | 17 | 34 | 15 |
| 1 | 4 | 74 | 65 | 149 | 129 | 105 | 74 | 20 | 40 | 20 |
| 1 1/8 | 4 1/2 | 94 | 82 | 187 | 162 | 132 | 94 | 22 | 44 | 25 |
| 1 1/4 | 5 | 115 | 101 | 230 | 199 | 163 | 115 | 25 | 50 | 31 |
| 1 3/8 | 5 1/2 | 138 | 121 | 276 | 239 | 195 | 138 | 27 | 54 | 38 |
| 1 1/2 | 6 | 164 | 144 | 328 | 284 | 232 | 164 | 30 | 60 | 45 |
| 1 5/8 | 6 1/2 | 190 | 166 | 380 | 329 | 269 | 190 | 32 | 64 | 53 |
| 1 3/4 | 7 | 220 | 193 | 441 | 382 | 312 | 220 | 35 | 70 | 61 |
| 1 7/8 | 7 1/2 | 251 | 219 | 501 | 434 | 354 | 251 | 37 | 74 | 70 |
| 2 | 8 | 285 | 249 | 570 | 494 | 403 | 285 | 40 | 80 | 80 |
| 2 1/4 | 9 | 356 | 311 | 711 | 616 | 503 | 356 | 45 | 90 | 101 |
| 2 1/2 | 10 | 435 | 381 | 870 | 753 | 615 | 435 | 50 | 100 | 125 |
| 2 3/4 | 11 | 455 | 398 | 910 | 788 | 643 | 455 | 55 | 110 | 151 |
| 3 | 12 | 536 | 469 | 1071 | 928 | 757 | 536 | 60 | 120 | 179 |
| 3 1/2 | 14 | 711 | 622 | 1421 | 1231 | 1005 | 711 | 70 | 140 | 244 |

* Rated Capacities Basket Hitch based on D/d Ratio of 25 times the component rope diameter.

** [Click here to see Choker Hitch Rated Capacity Adjustment.](#)

Rated Capacities based on pin diameter no larger than natural eye width or less than the nominal sling diameter.

Rated Capacities based on design factor of 5.

Horizontal sling angles of less than 30° shall not be used.

All capacities in tons of 2,000 lbs. All eye and fitting dimensions in inches.

Union, a WireCo WorldGroup brand, produces wire rope and special rope assemblies for a variety of applications – each with their own exacting specifications. We employ the most experienced, talented, licensed engineers in the industry to design solutions for your application. Nine manufacturing operations and seven distribution centers in North America, plus manufacturing facilities in Germany, Poland and Portugal, give our customers unparalleled support and global reach. Find out for yourself why Union wire ropes have proven themselves time and time again in the field. **Union: Tested, Tough & True.**