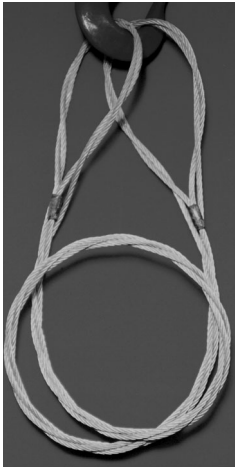




Tri-Flex® Slings

TRI-FLEX® WIRE ROPE SLING

US Patent #4,043,581



This is a three part wire rope sling developed to give the rigger the advantages of strength combined with greater flexibility. It was created to replace large diameter single part wire rope slings which proved awkward and stiff. Tri-Flex® Slings are now manufactured in sizes from 1 ton to 150 ton capacity. Steel erectors, millwrights and riggers use Tri-Flex® slings for everything from steel erection and machinery moving, to heavy lifts of 200 tons or more. These slings are made in matching lengths.



TRI-FLEX® WIRE ROPE

US Patent #4,043,581

Tri-Flex® Wire Rope is a three part wire rope made in lengths up to 200' installed on winches for barges, tugs and car pullers. It wraps snugly around the winch hub because it has greater flexibility than standard wire rope. Customers can specify the end attachment required. Tug boat crews were instrumental in helping with the initial product design. Order by specifying rated capacity or finished diameter.



TRI-FLEX® SLING SYSTEM

US Patent #4,240,659

CN #1,082,755

British #2,029,796

This product is a combination of three Tri-Flex® Wire Rope slings wrapped together helically to form a nine part finished body sling. After a heavy lift is finished the product can be taken apart to form three individual Tri-Flex® slings for smaller lifting work. It has twelve parts of wire rope in the loop for greater strength than traditional nine part wire rope slings.



Tri-Flex® Slings



TRI-FLEX® SLINGS IN ACTION





Tri-Flex® Sling Engineering

CERTIFIED PROOF TESTING
SLINGS — WIRE ROPE — CHAIN — NYLON — FITTINGS

Patent #4,043,581

PIN SIZE EQUALS
D/d OF 4/1 USING
COMPONENT PARTS

BASKET HITCH EQUALS
D/d OF 5/1 USING
FINISHED DIAMETER

TRI-FLEX® ENGINEERING INFORMATION

| EQUIVALENT TO STANDARD SIZE FLEMISH EYE SLING | COMPOSED 3 PARTS OF EIP ROPE | VERT. | PUBLISHED 5 TO 1 RATED LOAD TONS CHOKER | VERTICAL BASKET | FINISHED ACTUAL DIAMETER | WEIGHT PER FT. APPROX. |
|---|------------------------------------|-------|---|--------------------|--------------------------------|------------------------------|
| 7/16" | 1/4" | 1.7 | 1.3 | 3.4 | 1/2" | .44 |
| 9/16" | 5/16" | 2.6 | 1.9 | 5.2 | 5/8" | .68 |
| 5/8" | 3/8" | 3.6 | 2.7 | 7.2 | 3/4" | .99 |
| 3/4" | 7/16" | 4.9 | 3.7 | 9.8 | 7/8" | 1.33 |
| 7/8" | 1/2" | 6.4 | 4.8 | 12.8 | 1" | 1.75 |
| 1" | 9/16" | 8.0 | 6.0 | 16.0 | 1-1/8" | 2.24 |
| 1-1/8" | 5/8" | 9.9 | 7.4 | 19.8 | 1-1/4" | 2.73 |
| 1-1/4" | 3/4" | 14.0 | 10.5 | 28.0 | 1-1/2" | 3.9 |
| 1-1/2" | 7/8" | 19.0 | 14.3 | 38.0 | 1-3/4" | 5.4 |
| 1-3/4" | 1" | 24.8 | 18.6 | 49.6 | 2" | 7.0 |
| 2" | 1-1/8" | 31.2 | 23.4 | 62.4 | 2-1/4" | 8.9 |
| 2-1/4" | 1-1/4" | 38.4 | 28.8 | 76.8 | 2-1/2" | 10.0 |
| 2-1/2" | 1-3/8" | 46.0 | 34.5 | 92.0 | 2-3/4" | 13.3 |
| 2-3/4" | 1-1/2" | 55.0 | 41.2 | 110.0 | 3" | 15.8 |
| 3" | 1-5/8" | 63.4 | 47.6 | 126.8 | 3-1/4" | 18.5 |
| 3-1/4" | 1-3/4" | 73.0 | 54.8 | 146.0 | 3-1/2" | 21.5 |
| 3-1/2" | 2" | 95.0 | 71.2 | 190.0 | 4" | 28.0 |
| 4" | 2-1/4" | 118.0 | 88.5 | 236.0 | 4-1/2" | 35.6 |
| 4-1/2" | 2-1/2" | 145.0 | 109.0 | 290.0 | 5" | 44.0 |

TRI-FLEX® WIRE ROPE SLINGS provide the best combination of strength and flexibility. Because of the patented TRI-FLEX® SLING construction, there is a large savings in material and machine costs in the larger sizes; this, combined with ease of use make TRI-FLEX® SLINGS the only sling for smart buyers

Follow OSHA, ANSI B30.9 and Manufacturers Guidelines. Can fail if damaged, misused or overloaded. Inspect before use. Use only if trained. Do not exceed rated capacity. Protect sling from contact with edges. DEATH or INJURY can occur from improper use or maintenance.

⚠ WARNING