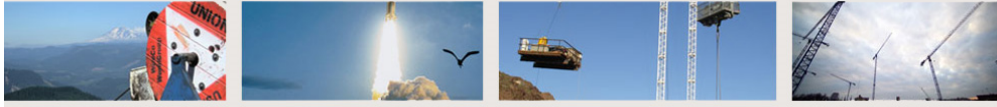




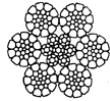
Tested, Tough & True.



## PRODUCT CATALOG

### Flex-X 6

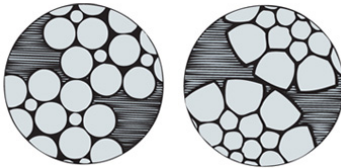
- ▶ Superior performance 6-strand rope
- ▶ Increased service life
- ▶ Less sheave and drum wear



Flex-X 6 users receive superior performance and increased service life in many applications compared to the ropes they had previously employed. When compared to conventional six strand ropes, Flex-X 6 ropes provide greater surface area and more steel per given diameter. This increases rope stability and strength. This results in a longer service life and less sheave and drum wear.

#### Flex-X® vs. standard rope of similar construction:

Flex-X designs reduce drum scrubbing between the lead line and the previous wrap. The smooth contact creates less interference, less metal loss and wire deformation. The increased surface area of Flex-X can be seen in the comparison of the contact points of a standard 6x26WS and Flex-X as shown.



Flex-X 6 Strength and Weights Chart (inches)

| Diameter (in) | Weight (lb/ft) | Minimum Breaking Force (tons of 2000 lbs) |
|---------------|----------------|---|
| 3/8           | 0.32           | 8.8                                       |
| 7/16          | 0.41           | 11.9                                      |
| 1/2           | 0.55           | 15.3                                      |
| 9/16          | 0.70           | 19.3                                      |
| 5/8           | 0.86           | 22.7                                      |
| 3/4           | 1.25           | 32.4                                      |
| 7/8           | 1.67           | 43.8                                      |
| 1             | 2.18           | 56.9                                      |
| 1 1/8         | 2.71           | 71.5                                      |
| 1 1/4         | 3.43           | 87.9                                      |
| 1 3/8         | 4.25           | 106                                       |
| 1 1/2         | 5.01           | 125                                       |
| 1 5/8         | 5.27           | 146                                       |
| 1 3/4         | 6.12           | 169                                       |
| 1 7/8         | 7.02           | 192                                       |
| 2             | 7.98           | 217                                       |
| 2 1/8         | 9.01           | 244                                       |
| 2 1/4         | 10.10          | 272                                       |
| 2 3/8         | 11.25          | 302                                       |
| 2 1/2         | 12.47          | 332                                       |

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.**