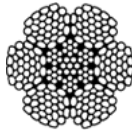


PRODUCT CATALOG

6x31 Swaged 6x31 Swaged Tubing Lines

- ▶ High density construction for greater crushing and abrasion resistance
- ▶ Greater strength



Well servicing rigs must work wherever producing wells need servicing. One of the primary ropes on these mobile rigs is the tubing line. The tubing line operates on the main draw works and is reeved through the traveling block for handling tubing and rod. Often the tubing line is rigged with both ends attached to the drum with one end spooling on the second layer of wraps immediately adjacent to the other end spooling on the first layer of wraps. This is called "double fast line" spooling and is done to speed up travel time of the main hoist during rod and tubing pulling operations.

When you purchase Union's tubing lines, you get more than what meets the eye. Built in an ISO 9001 certified factory and backed by the industry's largest staff of professional engineers, we do more than produce to spec.

Our quality begins with our raw material qualification process which suppliers must meet standards that are more stringent than industry. We then document rod coils through completion rope manufacturing for full traceability. We don't stop there; the traceability continues into the field as each schedule is tracked to the customer. Throughout the manufacturing process we break test wires and tie that information to the coil and/or reel of rope. Thus ensuring we know the characteristics of the rope from its infancy and know it meets or exceeds our published strengths.

6x31 Swaged Strength and Weights Chart

Diameter (in)	Approx. Wire Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs.)
1	2.22	62

Union, a WireCo WorldGroup brand, produces wire rope 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. Eight WireCo WorldGroup manufacturing operations and seven distribution centers in North America, plus manufacturing facilities in Mexico, Germany and China, 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.**