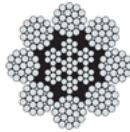


## PRODUCT CATALOG

### 8x19 Class

- ▶ Crush-resistant
- ▶ Increased bendability
- ▶ Category 3 rotation-resistant rope



When you purchase Union's 8x19 Class of wire ropes, 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.

Standard constructions are regular lay and either 19 Seale or 25 Filler Wire. The size relationship between strands and cores gives these ropes increased bendability over six strand ropes of the same diameter. The 8x19 has more crushing resistance and a higher minimum breaking force than 19x7, but less rotation resistance. An 8x19 class rope can be used in multi-part reeving where limited rotation resistance is required.

You can trust Union wire rope to be produced to a higher standard, consistently. For the rope characteristics, please refer to the chart below.

8x19 Class Strength and Weights Chart

Diameter (in)	Approx. Wire Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs.)
5/16	0.18	4.63
3/8	0.26	6.63
7/16	0.36	8.97
1/2	0.47	11.6
9/16	0.6	14.7
5/8	0.73	18.1
3/4	1.06	25.9
7/8	1.44	35
1	1.88	45.5
1 1/8	2.39	57.3
1 1/4	2.94	70.5
1 3/8	3.56	84.9
1 1/2	4.24	100

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.**