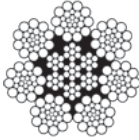


PRODUCT CATALOG

7-Flex

- ▶ Improved resistance to bending fatigue over general purpose ropes



Good resistance to wear and fatigue are required for trip ropes on mining shovels. 7-Flex and 7-Flex PFV have the best characteristics to maximize rope service life in this application. The 7-Flex construction offers improved resistance to bending fatigue and the PFV plastic-impregnated feature further enhances service life and make the operation cleaner.

7-Flex Strength and Weights Chart

Diameter (in)	Approx. Wire Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs.)
1/4	.116	3.4
5/16	0.18	5.27
3/8	0.26	7.55
3/8	0.35	10.2
1/2	0.46	13.3
9/16	0.59	16.8
5/8	0.72	20.6
3/4	1.04	29.4
7/8	1.42	39.8
1	1.85	51.7
1 1/8	2.34	65
1 1/4	2.89	79.9
1 3/8	3.5	96
1 1/2	4.16	114
1 5/8	4.88	132
1 3/4	5.66	153
1 7/8	6.5	174
2	7.39	198
2 1/8	8.35	221
2 1/4	9.36	247

* Sizes larger than listed are available only in specific lengths and on request.

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.**