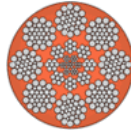


## PRODUCT CATALOG

### TUF-MAX C/R

- ▶ Fatigue resistant
- ▶ Minimal stretch
- ▶ PFV coating to extend life



Union's mining ropes have set a new standard in performance and life. The TUF-MAX C/R is an integral part of this line of ropes specifically designed for the mines. Union's TUF-MAX C/R is specifically designed for use in a crowd and retract application where rope stretch is of concern. By minimizing stretch, proper rope tension is maintained enabling better digging performance.

Our tests have shown this rope provides shovels with top crowd and retract performance due to its stretch and fatigue resistance.

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.**