



PRODUCT CATALOG

PowerMax PFV

- ▶ Excellent drag and hoist rope
- ▶ Improved Performance
- ▶ Plastic polymer cushions strands, distributes internal stresses and keeps dirt out



PowerMax PFV is plastic impregnated with plastic polymer applied at high pressure which cushions the strands, distributes internal stresses, keeps in wire rope lubricant and keeps out dirt and debris. This polymer doesn't melt or soften from the heat of normal operating temperatures. It's also virtually unaffected by sunlight and cold weather.

An 8-strand wire rope created to provide operating characteristics essential to drag ropes and hoist ropes, PowerMax PFV is only available from Union. Our proprietary metallurgy was utilized in developing special rod chemistry requirements to provide optimum wire characteristics for mining ropes. The technology combines all aspects of rope manufacturing in one cohesive process that assures a product that's second to none.

With eight outer strands, PowerMax PFV is more fatigue resistant than 6-strand ropes of the same diameter, plus, its greater surface area puts more steel in touch with contact surfaces, reducing wear and abrasion.

PowerMax PFV Strength and Weights Chart (inches)

Diameter (in)	Weight (lb/ft)	Minimum Breaking Force (tons of 2000 lbs)
2 3/8	10.5	274
2 1/2	11.7	302
2 5/8	12.9	331
2 3/4	14.1	361
2 7/8	15.4	392
3	16.8	425
3 1/8	18.2	458
3 1/4	19.7	492
3 3/8	21.3	529
3 1/2	22.9	564
3 5/8	24.5	602
3 3/4	26.2	641

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.**

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