



## PRODUCT CATALOG

### Apex

- ▶ The highest minimum breaking force available
- ▶ Superior fatigue resistance
- ▶ Unitized construction for exceptional strength-to-diameter ratio



Over 50% stronger than standard 6-strand XIP ropes, Apex offers crane manufacturers a powerful new wire rope to optimize the performance of their equipment.

Unitized construction allows each strand to nestle snugly into the valleys of the strand below forming a dense, highly compact rope that delivers the greatest strength-to-diameter ratio of any wire rope on the market. Equipment designs can be created to utilize a smaller diameter Apex rope in assemblies in place of larger, conventional ropes with no loss of performance. This can reduce the sheave size required and the weight of the assembly system.

Manufactured to the industry's highest standards, Apex also provides superior fatigue resistance and virtually eliminates constructional stretch. The result is a versatile wire rope that is ideal for extend/retract cable assemblies.

**Not to be used with a swivel.**

### Dimensions, Minimum Breaking Forces and Weights for Apex

Rope Dia. Inches	Minimum Breaking Force (2,000 lb. tons)	Weight per Foot lbs.
1/2	20.4	0.58
9/16	25.8	0.73
5/8	31.7	0.90
3/4	45.2	1.30
7/8	61.2	1.77
1	79.6	2.31
1 1/8	10.0	2.93
1 1/4	123.0	3.61
1 3/8	148.0	4.37

MacWhyte, a WireCo WorldGroup brand, understands that results matter and we produce high quality wire rope and wire rope assemblies that perform to your exacting specifications. We employ the most experienced, talented, licensed engineers in the industry to design solutions for your most complex mechanical systems. Find out for yourself how MacWhyte wire ropes and custom assemblies prove themselves time and time again in the field. **MacWhyte: Results by Design.**