



PRODUCT CATALOG

7x7 & 7x19 Aircraft Cable

- ▶ Standard for Tuf-Grip assemblies for smaller sizes such as control cable applications
- ▶ Choose from stainless steel or galvanized carbon steel wire rope
- ▶ Steel core, recommended for Tuf-Grip assemblies

These ropes are standard for Tuf-Grip assemblies for smaller sizes such as control cable applications. Choose from two materials: stainless steel or galvanized carbon steel wire rope. Standard utility cable and fittings are suitable for most applications. We are certified to manufacture wire rope to MIL-DTL-83420. And, we offer standard end fittings to let you use aircraft cable as small as 1/16 inch in diameter. If you need one even smaller than that, please call us.

See charts for minimum breaking force and weight per foot. Notice all ropes have a steel core – the only one recommended for Tuf-Grip assemblies. All Tuf-Grip assemblies use a pre-formed rope construction because of its ability to maintain its integrity when inserted into the fittings before swaging occurs.

Dimensions, minimum breaking forces and weights for Galvanized & Stainless, Aircraft & Utility Cable

7x19 Aircraft & Utility Cable				7x7 Aircraft & Utility Cable			
Rope Dia. (in)	Approx. Wt/100 ft (lb)	Minimum Breaking Force (lb)		Rope Dia. (in)	Approx. Wt/100 ft (lb)	Minimum Breaking Force (lb)	
		Galvanized	Stainless			Galvanized	Stainless
1/16	.75	480	480	1/32	0.16	110	110
3/32	1.7	1,000	920	3/64	0.42	270	270
1/8	2.9	2,000	1,760	1/16	0.75	480	480
5/32	4.5	2,800	2,400	5/64	1.1	650	650
3/16	6.5	4,200	3,700	3/32	1.6	920	920
7/32	8.6	5,600	5,000	1/8	2.8	1,700	1,700
1/4	11.0	7,000	6,400	5/32	4.3	2,600	2,400
9/32	13.9	8,000	7,800	3/16	6.2	3,700	3,700
5/16	17.3	9,800	9,000	1/4	10.6	6,100	6,100
3/8	24.3	14,400	12,000	5/16	16.7	9,200	9,000

*1/32 is made in 3x7 construction

RELATED INFORMATION

[View Tuf-Grip Assemblies Handbook](#)

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.**