

Blair Corporation

Manufacturer and Distributor

Wire Rope · Hardware · Chain · Cable Railing ·
Structural Strand Assemblies · Cordage · Castings · Forgings·

GALVANIZED AIRCRAFT CABLE 7x19, 7x7, 1x19



Specification: MIL-W-83420D / MIL-W-1511A

Improved Plow Steel

Nominal Diameter	Tolerance on Dia.	Approx. Weight	Approx. Weight	Min Breaking Strength	
				Galvanized	Stainless Steel
inches	inches	kg/1000'	lb/1000'	lb	lb
7 x 7					
3/64	0.008	1.91	4.2	270	270
1/16	0.010	3.40	7.5	480	480
3/32	0.012	7.26	16	920	920
1/8	0.014	12.93	28.5	1,700	1,700
5/32	0.016	19.50	43	2,600	2,600
3/16	0.018	28.12	62	3,700	3,700
1/4	0.018	48.08	106	6,100	6,100
5/16	0.022	75.75	167	9,200	9,000
3/8	0.022	107.05	236	13,300	12,600
7 x 19					
3/32	0.012	7.89	17.4	1,000	920
1/8	0.014	13.15	29	2,000	1,760
5/32	0.016	20.41	45	2,800	2,400
3/16	0.018	29.48	65	4,200	3,700
7/32	0.018	39.01	86	5,600	5,000
1/4	0.018	49.90	110	7,000	6,400
9/32	0.020	63.05	139	8,000	7,800
5/16	0.022	78.47	173	9,800	9,000
3/8	0.026	110.22	243	14,400	12,000
1 x 19					
1/16	0.010	3.86	8.5	500	500
3/32	0.012	9.07	20	1,200	1,200
1/8	0.014	15.88	35	2,100	2,100
5/32	0.016	24.95	55	3,300	3,300
3/16	0.018	34.93	77	4,700	4,700
1/4	0.018	61.24	135	8,200	8,200
5/16	0.022	95.26	210	12,500	12,500
3/8	0.026	136.08	300	18,000	17,500

www.BlairWireRope.com

3610 Palomar Valley Dr
Spring, Texas 77386

Phone: 832-928-9655 · Fax: 281-528-0394

Blair Corporation

Manufacturer and Distributor

Wire Rope · Hardware · Chain · Cable Railing ·
Structural Strand Assemblies · Cordage · Castings · Forgings

7 x 19 Stainless Steel Aircraft Cable - Type 316

Diameter inches	Diameter in millimeters	Approx. weight per 1,000 ft. in lbs	Approx. weight per 100 meters in kgs.	Nominal breaking strength in lbs	Nominal breaking strength in kgs
1/16 *	2.0	7.5	1.1	480	218
1/8	4.8	29.0	4.3	1,670	758
3/16	5.5	65.0	9.7	3,565	1,617
1/4	6.4	110.0	16.4	5,875	2,665
5/16	8.0	173.0	25.7	8,825	4,003
3/8	9.5	243.0	36.2	11,760	5,334

*1/16 available in 7x7 only

1 x 19 Stainless Steel Aircraft Cable - Type 316

Diameter inches	Diameter in millimeters	Approx. weight per 1,000 ft. in lbs	Approx. weight per 100 meters in kgs.	Nominal breaking strength in lbs	Nominal breaking strength in kgs
3/32	2.4	20.0	3.0	1,200	544
1/8	3.2	35.0	5.2	1,780	808
5/32	4.0	55.0	8.2	2,800	1,270
3/16	4.8	77.0	11.5	4,000	1,815
7/32	5.5	102.0	15.2	5,350	2,427
1/4	6.4	135.0	20.1	6,900	3,130
5/16	8.0	210.0	38.3	10,600	4,808
3/8	9.5	300.0	44.7	14,800	6,713

www.BlairWireRope.com

3610 Palomar Valley Dr
Spring, Texas 77386

Phone: 832-928-9655 · Fax: 281-528-0394