



SERIES FAA SPECIFICATIONS

Classification. The wire rope covered in this specification shall be of the following:

TO MIL-W-83420B

TYPE I - NON-JACKETED WIRE ROPE

Composition A - Carbon Steel, Tin or Zinc Coated

Construction and Physical Properties of Type I, Composition A

Nominal Diameter Of Wire Rope		Construction	Tolerance On Diameter (Plus Only)		Allowable Increase Of Diameter		Minimum Breaking Strength Composition A		Approximate Weight Per 100 Feet	
in	mm		in	mm	in	mm	lbs.	kg	lbs.	kg
1/32	.79	3x7	.006	.152	.006	.152	110	49.8	0.16	0.07
3/64	1.19	3x7	.008	.203	.008	.203	230	104.3	0.33	0.15
3/64	1.19	7x7	.008	.203	.008	.203	270	122.4	0.42	0.19
1/16	1.59	7x7	.010	.254	.009	.229	480	217.7	0.75	0.34
1/16	1.59	7x19	.010	.254	.009	.229	480	217.7	0.75	0.34
3/32	2.38	7x7	.012	.305	.010	.254	920	417.3	1.60	0.72
3/32	2.38	7x19	.012	.305	.010	.254	1,000	453.6	1.74	0.79
1/8	3.18	7x19	.014	.356	.011	.279	2,000	907.2	2.90	1.31
5/32	3.97	7x19	.016	.406	.017	.432	2,800	1270	4.50	2.04
3/16	4.76	7x19	.018	.457	.019	.483	4,200	1905	6.50	2.95
7/32	5.56	7x19	.018	.457	.020	.508	5,600	2540	8.60	3.90
1/4	6.35	7x19	.018	.457	.021	.533	7,000	3175	11.00	4.99
9/32	7.14	7x19	.020	.508	.023	.584	8,900	3629	13.90	6.30
5/16	7.94	7x19	.022	.559	.024	.610	9,800	4445	17.30	7.85
3/8	9.52	7x19	.026	.660	.027	.686	14,000	6332	24.30	11.00

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TYPE I - NON-JACKETED WIRE ROPE

Composition B - Corrosion Resistant Steel

Construction and Physical Properties of Type I, Composition B

Nominal Diameter Of Wire Rope		Construction	Tolerance On Diameter (Plus Only)		Allowable Increase Of Diameter		Minimum Breaking Strength Composition B		Approximate Weight Per 100 Feet	
in	mm		in	mm	in	mm	lbs.	kg	lbs.	kg
1/32	.79	3x7	.006	.152	.006	.152	110	49.8	0.16	0.07
3/64	1.19	3x7	.008	.203	.008	.203	230	104.3	0.33	0.15
3/64	1.19	7x7	.008	.203	.008	.203	270	122.4	0.42	0.19
1/16	1.59	7x7	.010	.254	.009	.229	480	217.7	0.75	0.34
1/16	1.59	7x19	.010	.254	.009	.229	480	217.7	0.75	0.34
3/32	2.38	7x7	.012	.305	.010	.254	920	417.3	1.60	0.72
3/32	2.38	7x19	.012	.305	.010	.254	920	417.3	1.74	0.79
1/8	3.18	7x19	.014	.356	.011	.279	1,760	798.3	2.90	1.31
5/32	3.97	7x19	.016	.406	.017	.432	2,400	1089	4.50	2.04
3/16	4.76	7x19	.018	.457	.019	.483	3,700	1678	6.50	2.95
7/32	5.56	7x19	.018	.457	.020	.508	5,000	2268	8.60	3.90
1/4	6.35	7x19	.018	.457	.021	.533	6,400	2901	11.00	4.99
9/32	7.14	7x19	.020	.508	.023	.584	7,800	3538	13.90	6.30
5/16	7.94	7x19	.022	.559	.024	.610	9,000	4082	17.30	7.85
3/8	9.52	7x19	.026	.660	.027	.686	12,000	5443	24.30	11.00

* Denotes Stock Item.

When ordering, list diameter, construction and Part No.