



SERIES FAA SPECIFICATIONS TO MIL-W-83420B

TYPE II - JACKETED WIRE ROPE

Composition A - Carbon Steel, Tin or Zinc Coated

Construction and Dimensional Properties of Type II, Composition A
Including Wire Rope Jacketed Tolerances

Nominal Diameter Of Wire Rope		Construction	Outside Diameter Of Jacket		Tolerance On Jacket O.D. (Plus Only)		Jacket Wall Thickness (Reference)		Approximate Weight Per 100 Feet	
in	mm		in	mm	in	mm	in	mm	lbs.	kg
1/32	.79	3x7	3/64	1.19	.008	.203	.008	.203	0.22	0.10
3/64	1.19	3x7	1/16	1.59	.010	.254	.008	.203	0.43	0.19
3/64	1.19	7x7	1/16	1.59	.010	.254	.008	.203	0.49	0.22
3/64	1.19	7x7	5/64	2.00	.012	.305	.016	.406	0.76	0.34
1/16	1.59	7x7	3/32	2.38	.012	.305	.016	.406	0.93	0.42
1/16	1.59	7x7	1/8	3.18	.014	.356	.031	.787	1.18	0.53
1/16	1.59	7x19	3/32	2.38	.012	.305	.016	.406	0.93	0.42
1/16	1.59	7x19	1/8	3.18	.014	.356	.031	.787	1.18	0.53
3/32	2.38	7x7	1/8	3.18	.014	.356	.016	.406	1.85	0.84
3/32	2.38	7x7	5/32	3.97	.016	.406	.031	.787	2.18	0.99
3/32	2.38	7x19	1/8	3.18	.014	.356	.016	.406	1.99	0.90
3/32	2.38	7x19	5/32	3.97	.016	.406	.031	.787	2.32	1.05
1/8	3.18	7x19	3/16	4.76	.018	.457	.031	.787	3.62	1.64
5/32	3.97	7x19	7/32	5.56	.018	.457	.031	.787	6.10	2.77
5/32	3.97	7x19	9/32	7.14	.022	.559	.063	1.60	7.51	3.41
3/16	4.76	7x19	1/4	6.35	.018	.457	.031	.787	7.75	3.51
3/16	4.76	7x19	5/16	7.94	.022	.559	.063	1.60	9.20	4.17
7/32	5.56	7x19	9/32	7.14	.020	.508	.031	.787	9.76	4.43
7/32	5.56	7x19	11/32	8.87	.024	.610	.063	1.60	11.55	5.24
1/4	6.35	7x19	5/16	7.94	.020	.508	.031	.787	12.30	5.58
1/4	6.35	7x19	3/8	9.52	.024	.610	.063	1.60	14.42	6.54
9/32	7.14	7x19	13/32	10.3	.024	.610	.063	1.60	16.18	7.34
5/16	7.94	7x19	7/16	11.11	.024	.610	.063	1.60	19.80	8.98
3/8	9.52	7x19	1/2	12.7	.027	.686	.063	1.60	27.20	12.34

SERIES FAA SPECIFICATIONS

Composition B - Corrosion Resistant Steel

Construction and Dimensional Properties of Type II, Composition B

Nominal Diameter Of Wire Rope		Construction	Outside Diameter Of Jacket		Tolerance On Jacket O.D. (Plus Only)		Jacket Wall Thickness (Reference)		Approximate Weight Per 100 Feet	
in	mm		in	mm	in	mm	in	mm	lbs.	kg
1/32	.79	3x7	3/64	1.19	.008	.203	.008	.203	0.22	0.10
3/64	1.19	3x7	1/16	1.59	.010	.254	.008	.203	0.43	0.19
3/64	1.19	7x7	1/16	1.59	.010	.254	.008	.203	0.49	0.22
3/64	1.19	7x7	5/64	2.00	.012	.305	.016	.406	0.76	0.34
1/16	1.59	7x7	3/32	2.38	.012	.305	.016	.406	0.93	0.42
1/16	1.59	7x7	1/8	3.18	.014	.356	.031	.787	1.18	0.53
1/16	1.59	7x19	3/32	2.38	.012	.305	.016	.406	0.93	0.42
1/16	1.59	7x19	1/8	3.18	.014	.356	.031	.787	1.18	0.53
3/32	2.38	7x7	1/8	3.18	.014	.356	.016	.406	1.85	0.84
3/32	2.38	7x7	5/32	3.97	.016	.406	.031	.787	2.18	0.99
3/32	2.38	7x19	1/8	3.18	.014	.356	.016	.406	1.99	0.90
3/32	2.38	7x19	5/32	3.97	.016	.406	.031	.787	2.32	1.05
1/8	3.18	7x19	3/16	4.76	.018	.457	.031	.787	3.62	1.64
5/32	3.97	7x19	7/32	5.56	.018	.457	.031	.787	6.10	2.77
5/32	3.97	7x19	9/32	7.14	.022	.559	.063	1.60	7.51	3.41
3/16	4.76	7x19	1/4	6.35	.018	.457	.031	.787	7.75	3.51
3/16	4.76	7x19	5/16	7.94	.022	.559	.063	1.60	9.20	4.17
7/32	5.56	7x19	9/32	7.14	.020	.508	.031	.787	9.76	4.43
7/32	5.56	7x19	11/32	8.87	.024	.610	.063	1.60	11.55	5.24
1/4	6.35	7x19	5/16	7.94	.020	.508	.031	.787	12.30	5.58
1/4	6.35	7x19	3/8	9.52	.024	.610	.063	1.60	14.42	6.54
9/32	7.14	7x19	13/32	10.3	.024	.610	.063	1.60	16.18	7.34
5/16	7.94	7x19	7/16	11.11	.024	.610	.063	1.60	19.80	8.98
3/8	9.52	7x19	1/2	12.7	.027	.686	.063	1.60	27.20	12.34

* Denotes Stock Item.

When ordering: List diameter, construction and Part No.