

Loos and Company manufactures and stocks aircraft cable to commercial and military specifications in stainless steel, galvanized carbon steel, and a variety of other alloys. They manufacture cables to the specifications of numerous aerospace and commercial OEM's.

Loos and Company is a fully integrated manufacturer: drawing wire, stranding cable, extruding jacketing material and providing custom products, configurations and processes when you require them.

MIL-DTL-83420 TYPE I Comp "B"

Diameter	Part Number	Specification	Min. Breaking Strength	Approx. Weight Per 100'
3/64	SC04779	Commercial	270	.42
1/16	SF06379	Mil-Spec DTL 83420	480	.75
1/16	SC06379	Commercial	480	.75
3/32	SF09479	Mil-Spec DTL 83420	920	1.7
3/32	SC09479	Commercial	920	1.7
7/64	SC10979	Commercial	1,260	2.3
1/8	SF12579	Mil-Spec DTL 83420	1,760	2.9
1/8	SC12579	Commercial	1,760	2.9
5/32	SC15679	Mil-Spec DTL 83420	2,400	4.5
5/32	SC15679	Commercial	2,400	4.5
3/16	SF18879	Mil-Spec DTL 83420	3,700	6.5
3/16	SC18879	Commercial	3,700	6.5
7/32	SF21979	Mil-Spec DTL 83420	5,000	8.6
7/32	SC21979	Commercial	5,000	8.6
1/4	SF25079	Mil-Spec DTL 83420	6,400	11.0
1/4	SC25079	Commercial	6,400	11.0
9/32	SF28179	Mil-Spec DTL 83420	7,800	13.9
9/32	SC28179	Commercial	7,800	13.9
5/16	SF31379	Mil-Spec DTL 83420	9,000	17.3
5/16	SC31379	Commercial	9,000	17.3
3/8	SF37579	Mil-Spec DTL 83420	12,000	24.3
3/8	SC37579	Commercial	12,000	24.3



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MIL-DTL-83420 TYPE I COMP "A"

Diameter	Part Number	Specification	Min. Breaking Strength	Approx. Weight Per 100'
1/16	GF06379	Mill-Spec-DTL-83420	480	.75
1/16	GC06379	Commercial	480	.75
1/16	GC06379M	Commercial, Domestic	480	.75
3/32	GF09479	Mill-Spec-DTL-83420	1,000	1.7
3/32	GC09479	Commercial	1,000	1.7
3/32	GC09479M	Commercial, Domestic	1,000	1.7
1/8	GF12579	Mill-Spec-DTL-83420	2,000	2.9
1/8	GC12579	Commercial	2,000	2.9
1/8	GC12579M	Commercial, Domestic	2,000	2.9
5/32	GF15679	Mill-Spec-DTL-83420	2,800	4.5
5/32	GC15679	Commercial	2,800	4.5
5/32	GC15679M	Commercial, Domestic	2,800	4.5
3/16	GF18879	Mill-Spec-DTL-83420	4,200	6.5
3/16	GC18879	Commercial	4,200	6.5
3/16	GC18879M	Commercial, Domestic	4,200	6.5
7/32	GF21979	Mill-Spec-DTL-83420	5,600	8.6
7/32	GC21979	Commercial	5,600	8.6
7/32	GC21979M	Commercial, Domestic	5,600	8.6
1/4	GF25079	Mill-Spec-DTL-83420	7,000	11.0
1/4	GC25079	Commercial	7,000	11.0
1/4	GC25079M	Commercial, Domestic	7,000	11.0
9/32	GF28179	Mill-Spec-DTL-83420	8,000	13.9
5/16	GF31379	Mill-Spec-DTL-83420	9,800	17.3
5/16	GC31379	Commercial	9,800	17.3
5/16	GC31379M	Commercial, Domestic	9,800	17.3
3/8	GF37579	Mill-Spec-DTL-83420	14,400	24.3
3/8	GC37579	Commercial	14,400	24.3
3/8	GC37579M	Commercial, Domestic	14,400	24.3



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RR-W-410, LATEST AMENDMENT

Part Number	Construction	Diameter (Fraction, Inch)	Maximum Breaking (Lbs)	Approx. Weight Per 100' (lbs)	Qualifying Specification
SW1062506	6X25	1	83300	187	RR-W-410, LATEST AMENDMENT
SW1063637	6X36	1	77300	170	RR-W-410, LATEST AMENDMENT
SW1162506	6X25	1-1/8	103700	240	RR-W-410, LATEST AMENDMENT
SW1163637	6X36	1-1/8	103700	216	RR-W-410, LATEST AMENDMENT
SW1262506	6X25	1-1/4	129400	290	RR-W-410, LATEST AMENDMENT
SW1263637	6X36	1-1/4	126200	266	RR-W-410, LATEST AMENDMENT
SW1863713	6X37	3/16	3000	6.5	RR-W-410, LATEST AMENDMENT
SW2563713	6X37	1/4	5400	10	RR-W-410, LATEST AMENDMENT
SW3163713	6X37	5/16	8300	18	RR-W-410, LATEST AMENDMENT
SW3763713	6X37	3/8	11700	24	RR-W-410, LATEST AMENDMENT
SW4362506	6X25	7/16	15900	35.6	RR-W-410, LATEST AMENDMENT
SW4363713	6X37	7/16	15900	33	RR-W-410, LATEST AMENDMENT
SW5062506	6X25	1/2	22200	45.8	RR-W-410, LATEST AMENDMENT
SW5063637	6X36	1/2	22200	43	RR-W-410, LATEST AMENDMENT
SW5662506	6X25	9/16	27800	59	RR-W-410, LATEST AMENDMENT
SW5663637	6X36	9/16	27800	54	RR-W-410, LATEST AMENDMENT
SW6262506	6X25	5/8	34100	71.5	RR-W-410, LATEST AMENDMENT
SW6263637	6X36	5/8	31400	67	RR-W-410, LATEST AMENDMENT
SW7562506	6X25	3/4	48400	92.2	RR-W-410, LATEST AMENDMENT
SW7563637	6X36	3/4	44400	96	RR-W-410, LATEST AMENDMENT
SW8762506	6X25	7/8	64800	143	RR-W-410, LATEST AMENDMENT
SW8763637	6X36	7/8	64800	131	RR-W-410, LATEST AMENDMENT



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MIL-DTL-83420 TYPE II COMP "A"

Part Number	Construction	Diameter (Fraction, Inch)	Maximum Breaking (Lbs)	Approx. Weight Per 100' (lbs)	Type	Qualifying Specification
GF0313701	3X7	1/32 - 3/64	110	0.22	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0477701	7X7	3/64 - 1/16	270	.62	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0477702	7X7	3/64 - 5/64	270	.76	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0637701	7X7	1/16 - 3/32	480	1.2	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0637702	7X7	1/16 - 1/8	480	1.4	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0637901	7X19	1/16 - 3/32	480	.93	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0637902	7X19	1/16 - 1/8	480	1.2	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0947701	7X7	3/32 - 1/8	920	2.0	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0947702	7X7	3/32 - 5/32	920	2.4	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0947901	7X19	3/32 - 1/8	1000	2.2	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF0947902	7X19	3/32 - 5/32	1000	2.4	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF1257901	7X19	1/8 - 3/16	2000	3.9	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF1567901	7X19	5/32 - 7/32	2800	5.5	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF1567902	7X19	5/32 - 9/32	2800	7.5	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF1887901	7X19	3/16 - 1/4	4200	7.8	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF1887902	7X19	3/16 - 5/16	4200	9.3	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF2197901	7X19	7/32 - 9/32	5600	9.8	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF2197902	7X19	7/32 - 11/32	5600	11.6	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF2507901	7X19	1/4 - 5/16	7000	12.5	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF2817901	7X19	9/32 - 13/32	8000	16.2	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF3137901	7X19	5/16 - 7/16	9800	21.7	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A
GF3757901	7X19	3/8 - 1/2	14400	29.3	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION A



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MIL-DTL-83420 TYPE II Comp "B"

Part Number	Construction	Diameter (Fraction, Inch)	Maximum Breaking (Lbs)	Approx. Weight Per 100' (lbs)	Type	Qualifying Specification
SF0637901	7X19	1/16 - 3/32	480	.93	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF0637902	7X19	1/16 - 1/8	480	1.2	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF0947901	7X19	3/32 - 1/8	920	2.0	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF0947902	7X19	3/32 - 5/32	920	2.3	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF1257901	7X19	1/8 - 3/16	1760	3.9	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF1567901	7X19	5/32 - 7/32	2400	6.1	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF1567902	7X19	5/32 - 9/32	2400	7.5	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF1887901	7X19	3/16 - 1/4	3700	7.8	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF1887902	7X19	3/16 - 5/16	3700	9.2	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF2197901	7X19	7/32 - 9/32	5000	9.8	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF2197902	7X19	7/32 - 11/32	5000	11.6	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF2507901	7X19	1/4 - 5/16	6400	12.5	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF2507902	7X19	1/4 - 3/8	6400	14.4	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF3137901	7X19	5/16 - 7/16	9000	21.7	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B
SF3757901	7X19	3/8 - 1/2	12000	27.2	NYLON	MIL-DTL-83420, LATEST REVISION, TYPE II, COMPOSITION B



S.S. CABLE 1X19

S.S. T316

Item	Size	WLL (lb)	Approx. Wt./100
C-1/16-1X19-A	1/16"	100	0.85 lb
C-3/32-1X19-A	3/32"	240	2.00 lb
C-1/8-1X19-A	1/8"	420	3.50 lb
C-5/32-1X19-A	5/32"	660	5.50 lb
C-3/16-1X19-A	3/16"	940	7.70 lb
C-1/4-1X19-A	1/4"	1,640	13.50 lb
C-5/16-1X19-A	5/16"	2,500	21.00 lb
C-3/8-1X19-A	3/8"	3,500	30.10 lb
C-1/2-1X19-A	1/2"	4,760	45.80 lb



In-house PVC coating available in any color per request

S.S. CABLE 7X7

S.S. T316

Item	Size (in)	WLL (lb)	Approx. Wt./100
C-1/16-7X7-A	1/16"	100	0.75 lb
C-3/32-7X7-A	3/32"	180	1.60 lb
C-1/8-7X7-A	1/8"	340	2.80 lb
C-5/32-7X7-A	5/32"	480	4.30 lb
C-3/16-7X7-A	3/16"	740	6.20 lb
C-1/4-7X7-A	1/4"	1,220	10.60 lb
C-5/16-7X7-A	5/16"	1,800	16.70 lb
C-3/8-7X7-A	3/8"	2,400	23.60 lb



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