

WIRE — SLEEVING — VINYL TUBING

UNSHIELDED WIRE MIL-W-22759/16

This top quality aircraft unshielded wire is manufactured to Specification MIL-W-22759/16. It features standard tin-plated copper conductor and is insulated with extruded Tefzel (ethylene/tetrafluorobethylene) which has a maximum temperature rating of 150°C. This wire is rated for 600 volts.

COLOR: WHITE					
Wire Gauge	Wt./1000 Ft. Lbs.	Part No.	Price per ft.	Price (100ft)	Price (1000ft)
24	2.4	11-14524	\$0.22	\$18.70	\$165.00
22	4.2	11-14522	\$0.25	\$21.25	\$187.50
20	6.0	11-14520	\$0.37	\$31.45	\$277.50
18*	8.6	11-14518	\$0.39	\$33.15	\$292.50
16*	10.7	11-14516	\$0.43	\$36.55	\$322.50
14	16.7	11-14514	\$0.69	\$58.65	\$517.50
12	25.0	11-14512	\$0.74	\$62.90	\$555.00
10	40.1	11-14510	\$1.46	\$124.10	\$1,095.00
8	66.6	11-14508	\$2.24	\$190.40	\$1,680.00
6	104.6	11-14506	\$3.35	\$284.75	\$2,512.50
4	160.1	11-14504	\$4.35	\$369.75	\$3,262.50
2	244.1	11-14502	\$6.50	\$552.50	\$4,875.00
0	381.3	11-14501	\$11.95	\$1,015.75	\$8,962.50
00	485.8	11-14500	\$12.50	\$1,062.50	\$9,375.00

COLOR: BLACK			COLOR: BLUE						
Wire Gauge	Part No.	Price per ft.	Price (100ft)	Price (1000ft)	Wire Gauge	Part No.	Price per ft.	Price (100ft)	Price (1000ft)
24	11-06254	\$0.26	\$22.10	\$195.00	24	11-07790	\$0.23	\$19.55	\$172.50
22	11-06257	\$0.29	\$24.65	\$217.50	22	11-07791	\$0.25	\$21.25	\$187.50
20	11-06260	\$0.37	\$31.45	\$277.50	20	11-07792	\$0.34	\$28.90	\$255.00
18	11-01596	\$0.39	\$33.15	\$292.50	18	11-01599	\$0.39	\$33.15	\$292.50
16	11-01601	\$0.43	\$36.55	\$322.50	16	11-01604	\$0.43	\$36.55	\$322.50
14	11-07788	\$0.75	\$63.75	\$562.50	14	11-07793	\$0.68	\$57.80	\$510.00
12	11-07789	\$1.12	\$95.20	\$840.00	12	11-07794	\$0.87	\$73.95	\$662.50

COLOR: GREEN			COLOR: RED						
Wire Gauge	Part No.	Price per ft.	Price (100ft)	Price (1000ft)	Wire Gauge	Part No.	Price per ft.	Price (100ft)	Price (1000ft)
24	11-07795	\$0.28	\$23.80	\$210.00	24	11-06253	\$0.25	\$21.25	\$187.50
22	11-07796	\$0.27	\$22.95	\$202.50	22	11-06256	\$0.32	\$27.20	\$240.00
20	11-07797	\$0.32	\$27.20	\$240.00	20	11-06259	\$0.37	\$31.45	\$277.50
18	11-07798	\$0.38	\$32.30	\$285.00	18	11-01597	\$0.49	\$41.65	\$367.50
16	11-07799	\$0.43	\$36.55	\$322.50	16	11-01602	\$0.43	\$36.55	\$322.50
14	11-07801	\$0.63	\$53.55	\$472.50	14	11-07806	\$0.72	\$61.20	\$540.00
12	11-07802	\$0.87	\$73.95	\$662.50	12	11-07807	\$1.13	\$96.05	\$847.50

COLOR: YELLOW			*STRIPED WIRE						
Wire Gauge	Part No.	Price per ft.	Price (100ft)	Price (1000ft)	Wire	Part No.	Price per ft.	Price (100ft)	Price (1000ft)
24	11-06252	\$0.24	\$20.40	\$180.00	18 - white w/ blk stripe	11-15601	\$0.50	\$42.50	\$375.00
22	11-06255	\$0.31	\$26.35	\$232.50	18 - white w/ red stripe	11-15607	\$0.48	\$40.80	\$360.00
20	11-06258	\$0.34	\$28.90	\$255.00	16 - white w/ blk stripe	11-15501	\$0.48	\$40.80	\$360.00
18	11-06261	\$0.37	\$31.45	\$277.50	16 - white w/ red stripe	11-15507	\$0.51	\$43.35	\$382.50
16	11-01603	\$0.43	\$36.55	\$322.50					
14	11-07804	\$0.72	\$61.20	\$540.00					
12	11-07805	\$1.12	\$95.20	\$840.00					

SHIELDED WIRE MIL-C-27500

This shielded and jacketed aircraft wire conforms to MIL-C-27500 and replaces MIL-C-7078/3. It incorporates MIL-W-22759/18 basic wire and features a Tefzel insulation, a shield of tin-plated copper braid and a jacket of Tefzel. It is temperature rated to 150°C & voltage rated at 600V. Top quality wire to military specifications.

Wire Gauge	Wt./1000 Ft. Lbs.	Part No.	Price Per Foot	Price 100 Ft.
22	10.8	11-14422	\$0.89	\$75.65
20	13.1	11-14420	\$0.77	\$65.45
18	16.5	11-14418	\$1.38	\$117.30
16	19.3	11-14416	\$0.96	\$81.60
14	26.2	11-14414	\$1.47	\$124.95
12	36.0	11-14412	\$1.98	\$168.30
8*	88.6	11-14408	\$5.75	\$488.75

15% Discount on 100ft. (Per Part No.)

* 8 Gauge shielded wire is used in converting generator systems to alternators. Conforms to MIL-C-27500.

Description	Part No.	Price Per Foot
2-Conductor Shielded Wire - 22 Gauge	11-05650	\$0.99
3-Conductor Shielded Wire - 22 Gauge	11-05651	\$1.17
4-Conductor Shielded Wire - 22 Gauge	11-07773	\$1.63
5-Conductor Shielded Wire - 22 Gauge	11-06580	\$2.27
6-Conductor Shielded Wire - 22 Gauge	11-07774	\$2.66
8-Conductor Shielded Wire - 22 Gauge	11-09782	\$3.00

Note: For 406 Mhz ELT installations: • Use 11-05651 3 conductor for the Kannad AF Compact • Use 11-07773 4 conductor for the Artex ME406 & 11-07774 for Artex ME406 with GPS interface.

COAXIAL CABLE

RG 400 - Standard cable for radio installations. Double shielded stranded conductor, MIL-DTL-17 spec. Approved for certified aircraft. P/N 11-09202.....\$3.45

RG 142 - Double shielded solid conductor, MIL-C-17 spec. Approved for certified aircraft. PN 11-00043.....\$3.97

RG 58A/U - Standard cable for experimental avionics installations. Single shielded stranded conductor, jacket type - PVC. For experimental aircraft only. PN 11-03920.....\$0.55

RG 58C/U - Standard cable for experimental avionics installations. Single shielded stranded conductor, jacket type - Non-PVC. For experimental aircraft only. PN 11-04258.....\$0.58

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

THIN WALL HEAT-SHRINKABLE TUBING



This is a general purpose heat shrinkable tubing with a wide scope of applications including harnessing, wire bundling, strain reliefs or any application where components or cables must be insulated or packaged. Material is an irradiated, thermally stabilized, modified polyolefin which is vastly superior to thermoplastic type materials. Flexible & flame retardant. Shrinkable by any hot air source such as an electric hair dryer or any heating device delivering at least 250°F. One person can complete installation in seconds. No need for special skills. Meets spec. MIL-I-23053B. Standard length - 4 ft. Min. purchase 4 ft. per size. Sold only in full 4 ft. lengths.

Expanded Size	Expanded I.D.	Recovered I.D.	Nominal Wall	Part No.	Price / 4 ft. Piece
1/16"	.063	.031	.017	11-00700	\$1.83
3/32"	.093	.046	.020	11-00800	\$1.46
1/8"	.125	.062	.020	11-00900	\$1.89
3/16"	.187	.093	.020	11-01000	\$2.25
1/4"	.250	.125	.025	11-01100	\$2.19
3/8"	.375	.187	.025	11-01200	\$2.65
1/2"	.500	.250	.025	11-01300	\$2.85
3/4"	.750	.375	.030	11-01400	\$2.85
1"	1.000	.500	.035	11-01500	\$4.25

White

1/16"	.063	.031	.017	11-09443	\$1.65
1/8"	.125	.062	.020	11-04029	\$2.60
1/4"	.250	.125	.025	11-04028	\$2.35
3/8"	.375	.187	.028	11-04030	\$2.70
1/2"	.500	.250	.025	11-04027	\$3.15

Discount: 25% Discount on 12 or more 4' Lengths (Per Size)

Always order the largest size which will fit snugly over the component being covered. Wall thickness will be less if recovery is restricted during shrinking.



IGNITION SHIELDING BRAID

Tinned copper tubular braid. Very flexible multi-strand braid. Excellent way to shield spark plug wires to reduce radio frequency interference (RFI). Fits over standard spark plug wire. Use 1/2" heat shrink to secure the ends.

Shielding Braid per foot P/N 11-02463 \$0.77
Heat Shrink Tubing, 1/2", 4 ft. length... P/N 11-01300 \$2.85

TINNED COPPER BRAID

Used for static shielding on short lengths of wire or cable and for flexible bonding connections and ground straps. Made of extra flexible tinned copper wire. Rolled flat for spooling.

P/N	Nominal Flat Width	Current *Capacity Amps.	Wt./100 Ft. Lbs.	Per Ft.	Price 100 Ft.
858	1/8"	16	0.7	\$0.39	\$33.15
863	1/4"	32	1.5	\$0.45	\$38.25
864	3/8"	46	2.5	\$0.94	\$79.90
868	1/2"	53	3.3	\$0.99	\$84.15
865	5/8"	53	3.4	\$0.99	\$84.15



VINYL TUBING

Clear PVC tubing for cable protection. Commonly called "spaghetti". Meets Spec. MIL-I-631D.

AWG Size	I.D.	Wire Wall	Size	Part No.	Price/Ft.	100 Ft.
9	.118	.020	20-22	11-02200	\$0.18	\$14.40
7	.148	.020	16-18	11-02300	\$0.28	\$22.40
5	.186	.020	12-14	11-02400	\$0.19	\$15.20
2	.263	.020	8-10	11-02500	\$0.24	\$19.20
5/16	.312	.025	6	11-02600	\$0.35	\$28.00
3/8	.375	.025	4	11-02700	\$0.38	\$30.40

Vinyl tubing for gas lines, 1/4" I.D. x 3/8" O.D... P/N 0500-071.. \$0.52 Ft.

PREMIUM VINYL TUBING

This premium vinyl tubing is recommended for use in extremely cold temperatures where tubing can be prone to becoming stiff and brittle. Manufactured to Spec. MIL-I-7444B, this tubing can be coiled and bent easily and will retain some flexibility even in extreme temperatures. Sold in 50 ft. and 100 ft. coils in the sizes listed below.

AWG Size	Wire Size	I.D. (In.)	Wall (In.)	50 Ft. Coil Part No.	Price	100 Ft. Coil Part No.	Price
9	20-22	.118	.020	11-16195	\$13.50	11-16190	\$27.75
7	16-18	.148	.020	11-16175	\$14.75	11-16170	\$29.90
5	12-14	.186	.020	11-16155	\$17.25	11-16150	\$35.25
2	8-10	.263	.020	11-16125	\$19.75	11-16120	\$39.90
5/16	6	.312	.025	11-16165	\$25.25	11-16160	\$51.25



EXPANDABLE SLEEVING

This expandable sleeving is used in many aircraft applications and is used extensively in warbirds and in race cars. Flame retardant. Color: black. Sold in 100ft. lengths.

Size Rng	Part No.	Price	Size Rng	Part No.	Price
3/32"-1/8"	11-01900	\$18.60	1/2"-1-1/4"	11-01904	\$89.90
1/4"-3/4"	11-01901	\$32.80	3/4"-1-1/2"	11-01905	\$107.95
1/2"-3/4"	11-01902	\$58.50	1-1/4"-2-1/2"	11-01906	\$139.95
1/4"-5/8"	11-01903	\$39.50	1-1/2"-3"	11-01907	\$334.95

NOTE: SOME WIRE ON THIS PAGE IS SOLD IN SPECIAL INCREMENTS ONLY (i.e.: 10 FT., 20 FT., 30 FT., ETC.) (As Noted)

- Extra 15% discount for 1000 ft. (off the 100 ft. price) on all items on this page.

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

Prices Subject to Change Without Notice