



BRAID - BUS BAR

TINNED COPPER FLAT BRAID, SPECIFICATIONS AA59569F*



DESCRIPTION:

A woven braid, composed of tinned copper strands, which is rolled flat at time of manufacture to a specific width depending upon construction.

APPLICATION:

Flat braid is usually employed for its current carrying capacity and its extreme flexibility. It is generally used as a high current conductor at low voltages. Battery grounding is typical of this application. It is also used as a bonding strap in vehicles and aircraft to help eliminate ignition interference. Because of its extreme flexibility it can be used in confined areas or as electrical connections on moving parts.

OLYMPIC NO.	NOM. FLAT WIDTH	NOM. THICK.	BRAID CONSTRUCTION		TOTAL NO. OF IND. ENDS	APPROX. AWG EQUIV.	NOM. CIRCULAR MILLS	CURRENT CARRYING CAP (Amps)
			AWG OF IND. ENDS	CAR-RIERS				
700	.025"	.015"	36	8	8	27	200	4.0
701	1/32"	.020"	36	16	16	24	400	6.0
* 702	3/64"	.020"	36	24	24	22	600	7.0
703	3/32"	.020"	36	16	48	19	1200	11.0
* 704	1/8"	.020"	36	24	72	18	1800	16.0
* 705	3/16"	.020"	36	24	120	15	3000	25.0
* 706	1/4"	.030"	36	24	168	14	4200	32.0
707	3/8"	.030"	36	48	288	12	7200	46.0
708	1/2"	.030"	36	48	384	10	9600	53.0
* 709	5/8"	.030"	36	48	384	10	9600	53.0
* 710	3/4"	.040"	36	48	864	7	20800	85.0
711	1"	.045"	36	48	864	7	20800	85.0
* 712	1-3/8"	.050"	30	48	336	5	33700	100.0
* 713	1-1/2"	.060"	30	48	528	3	53064	150.0
714	1-3/4"	.080"	30	48	1248	00	125424	280.0
715	2"	.120"	30	48	1536	000	154368	310.0
716	3"	.200"	30	48	2256	0000	225000	390.0

TINNED COPPER TUBULAR BRAID, SPECIFICATIONS AA59569R



DESCRIPTION:

A woven tinned copper braid which is manufactured completely round as outlined in AA59569R. Each strand of the braid is soft drawn tinned copper wire. The braid is self-supporting and maintains its round configuration. The percentage of shielding coverage is 95% or more when placed over a mandrel of an equivalent diameter to the inside braid diameter.

APPLICATIONS:

Maximum shielding against electrostatic interference for wires, cables and other components. Also as a protective covering against mechanical abrasion and stresses.

OLYMPIC NO.	NOM. I.D. WHEN ROUNDED	BRAID CONSTRUCTION		TOTAL NO. OF IND. ENDS	APPROX. AWG EQUIV.	NOM. CIRCULAR MILLS	CURRENT CARRYING CAP (Amps)
		STRAND WIRE SIZE	CAR-RIERS				
720	1/32"	36	24	24	22	600	7.0
721	1/16"	36	24	48	19	1200	11.0
722	5/64"	36	24	72	18	1800	16.0
723	7/64"	36	24	96	16	2400	19.0
724	1/8"	36	24	120	15	3000	25.0
725	5/32"	36	24	240	12	6000	40.0
726	11/64"	36	24	168	14	4200	32.0
727	13/64"	34	24	192	11	7630	46.0
728	1/4"	36	24	384	10	9600	53.0
729	9/32"	30	24	120	9	12060	60.0
730	3/8"	36	48	384	10	9600	53.0
731	7/16"	30	24	240	6	24120	90.0
732	1/2"	36	48	528	9	13200	62.0
733	9/16"	30	48	480	3	48240	145.0
734	21/32"	30	48	768	1	77180	190.0
735	25/32"	36	48	864	7	21600	88.0

**SPECIFICATIONS AA59551S - QQ-W-343
TYPE S - ASTM-B-33**

TINNED COPPER BUS WIRE



DESCRIPTION:

Pure electrolytic soft drawn, solid, copper properly annealed and tinned for quick soldering.

APPLICATIONS:

Winding of coils. Antennas. Point to point wiring. Bus-bar. Component leads. Ground wire.

OLYMPIC NO.	COND. SIZE	NOM. CIRCULAR MIL AREA	NOM. O.D.
749	32 AWG	63.21	.008"
750	30 AWG	100.5	.010"
751	28 AWG	159.8	.013"
752	26 AWG	254.1	.016"
753	24 AWG	404.0	.020"
754	22 AWG	642.4	.025"

OLYMPIC NO.	COND. SIZE	NOM. CIRCULAR MIL AREA	NOM. O.D.
755	20 AWG	1022.0	.033"
756	18 AWG	1642.0	.040"
757	16 AWG	2583.0	.051"
758	14 AWG	4107.0	.065"
759	12 AWG	6530.0	.082"