

PVC Insulated Ground Strap 300 Volt, 105° C



DESCRIPTION: Braided tin-plated copper conductor insulated with extruded PVC which is resistant to water, oil, acids and solvents and is self-extinguishing.

USE: Insulated bonds, grounds, leads, flexible connectors.

Typically constructed with tinned or bare copper wire, material may also be supplied to UL Style 1680; please contact our design team to assist you with a product for your specific application.

Equivalent AWG Size	Circular Mil Area	Wire AWG	Number of Wires	Braid Construction	BRAID DIMENSION			INSULATION DIMENSION	
					Nominal Width	Nominal Thickness	Nominal Wall	Nominal Width	Nominal Thickness
18	1800	36	72	24-3-36	.109	.025	.015	.139	.055
16	2400	36	96	24-4-36	.156	.025	.015	.186	.055
15	3000	36	120	24-5-36	.188	.025	.020	.228	.065
14	4200	36	168	24-7-36	.219	.031	.020	.259	.071
12	6000	36	240	24-10-36	.250	.040	.020	.290	.080
12	7200	36	288	48-6-36	.375	.031	.020	.415	.071
10	9600	30	96	24-4-30	.313	.050	.020	.353	.090
10	9600	36	384	24-16-36	.375	.063	.020	.415	.103
10	9600	36	384	48-8-36	.500	.031	.020	.540	.071
9	12000	30	120	24-5-30	.375	.050	.020	.415	.090
9	13200	36	528	48-11-36	.625	.040	.020	.665	.080
8	16800	30	168	24-7-30	.438	.063	.030	.498	.123
8	18000	36	720	48-15-36	.625	.040	.030	.685	.100
7	21600	36	864	48-18-36	.625	.050	.030	.685	.110
6	24000	30	240	24-10-30	.500	.094	.030	.560	.154
6	26400	36	1056	48-22-36	.875	.050	.030	.935	.110
5	36000	30	360	24-15-30	.625	.094	.030	.685	.154
4	43200	30	432	24-18-30	.719	.094	.030	.779	.154
3	48000	30	480	24-20-30	.750	.125	.030	.810	.185
2	64800	30	648	24-27-30	.938	.125	.030	.998	.185
1	76800	30	768	24-32-30	1.000	.125	.040	1.080	.205
1/0	105600	30	1056	24-44-30	1.250	.125	.040	1.330	.205

* Material is manufactured to width specification; thickness dimensions are given as reference only and may vary slightly due manufacturing process inherent with braiding. Please contact your design team if you have specific thickness dimensions.

All measurements are in inches unless otherwise stated.

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