

THW-2 600 Volts Stranded Bare Copper

<p>APPLICATION: Suitable for use in conduit or other recognized raceways for service, feeders, and branch circuit wiring. THW-2 applications also include general purpose grounding for power and distribution circuits in residential, industrial, and commercial buildings.</p> <p>STANDARDS:</p> <ol style="list-style-type: none"> 1. Listed by UL (90°C wet or dry) per Standard 83 2. Conforms to ICEA S-61-402/NEMA WC-5 Conforms to Federal Specification A-A-59544 3. VW-1 4. CT Use for 1/0 and larger 5. Sunlight Resistant 6. Oil Resistant I 7. RoHS Compliant 	<p>Construction Details: Conductor: Shall be solid or Class B Stranded annealed uncoated copper per UL Standard 83.</p> <p>Insulation: Shall be a Moisture Resistant, Flame Retardant, Sunlight Resistant Polyvinylchloride Insulation.</p> <p>Identification: The wire shall be identified by surface marking indicating the manufacturer's identification, conductor size, voltage rating, UL symbol and type designations</p> <p>Available Colors: By Request</p>
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P/N	Size (awg)	Strand Count	Insulation Thickness (Mils)	Nom. Diameter (inches)	Approx. Wt lb/1000 ft		
					Net	Ship	Copper weight
514S	14 SOL	Single	45	.154	18	23	12.43
512S	12 SOL	Single	45	.171	31	36	19.77
510S	10 SOL	Single	45	.192	44	49	31.40
514	14	7	30	.136	19	26	12.78
512	12	7	30	.156	28	34	20.20
510	10	7	30	.175	41	49	31.72
508	8	7	45	.242	68	80	51.05
506	6	7	60	.312	109	116	80.90
504	4	7	60	.352	167	176	128.90
503	3	7	60	.380	205	211	162.40
502	2	7	60	.412	252	257	204.90
501	1	19	80	.492	319	332	261.00
5010	1/0	19	80	.533	392	404	326.00
5020	2/0	19	80	.599	484	504	414.90
5030	3/0	19	80	.630	598	617	518.00
5040	4/0	19	80	.688	743	762	659.51

*AMPACITY in accordance with current edition of the NEC or Local Building Authority.