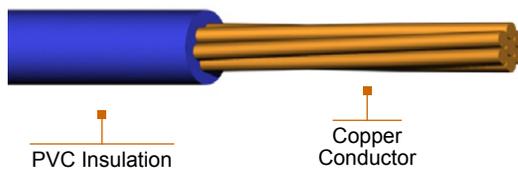


600V Copper Conductor, covered with Thermoplastic Insulation of PVC (Polyvinyl Chloride) 75°C



Detail Description or Construction

Conductor

Bare annealed copper conductor, solid or stranded

Insulation

PVC 75°C insulation

Application

The THW conductor is suitable for most current wiring solutions for residential, commercial and industrial environments. It is used in service entrance, feeders and branch circuits for permanent installations.

Standards / Testing Specifications

- ASTM: B3, B8.
- UL: 83, 1581.

Marking

PHELPS DODGE THW SIZE AWG 600 V.

Installation

THW conductors in sizes 14 AWG to 1000 Kcmil (MCM) can be installed in conduits and other raceways. The temperature of installation does not have to exceed 75°C.



THW

600V Copper Conductor, covered with Thermoplastic Insulation of PVC (Polyvinyl Chloride) 75°C

Conductor Size	Number of Wires	Insulation Thickness	Overall Diameter (approx)	Minimun Bending Radii	Weigth (approx)	Standard Package
AWG		mm	mm	mm	Kg / Km	m / rolls
14	1	0.76	4.3	17	33	100
12	1	0.76	4.8	19	47	100
10	1	0.76	5.4	22	68	100
8	1	1.14	6.1	24	100	100
6	1	1.52	7	28	151	100
14	7	0.76	4.5	18	36	100
12	7	0.76	5.1	20	50	100
10	7	0.76	5.8	23	73	100
8	7	1.14	7.4	30	118	100
6	7	1.52	8.5	34	174	100
4	7	1.52	9.8	39	256	100
2	7	2.03	11.3	45	391	100
1	19	2.03	13.5	54	505	1000 Reel
1/0	19	2.03	14.6	58	622	1000 Reel
2/0	19	2.03	15.8	63	767	1000 Reel
3/0	19	2.03	17.2	68	950	1000 Reel
4/0	37	2.03	18.8	75	1179	1000 Reel
250	37	2.41	20.9	84	1404	1000 Reel
300	37	2.41	22.4	89	1664	1000 Reel
350	37	2.41	23.8	95	1923	1000 Reel
400	37	2.41	25	100	2180	1000 Reel
500	61	2.41	27.4	137	2694	500 Reel
600	61	2.79	30.4	152	3241	500 Reel
700	61	2.79	32.3	162	3751	500 Reel
750	61	2.79	33.2	166	4007	500 Reel
800	61	2.79	34.1	170	4260	500 Reel
900	61	2.79	35.8	179	4769	500 Reel
1000	61	2.79	37.4	187	5265	500 Reel

Note: Data shown is approximated and subject to normal manufacturing tolerances.