

# COPPER BUILDING WIRE

## THW

**600 Volt. Copper Conductor.  
Thermoplastic Insulation**



### APPLICATIONS

Type THW building wire is designed for general purpose wiring in residential, commercial and industrial installations. Type THW wires are designed to operate at conductor temperatures of 75°C for 600 volt service in wet and dry locations. Specifically recommended also for industrial installations where exceptional resistance to heat and corrosive atmospheres are needed, such as chemical plants, oil refineries, paper mills, etc.

### SPECIFICATIONS

compact stranded annealed copper conductor. Heat resistant. Ideal for corrosive environments. Underwriters' Laboratories UL83, Federal Specification - JC-30, NEC Article 310.

### CONSTRUCTION

Solid or stranded annealed copper conductor, polyvinylchloride (PVC) insulation.

PWC Catalog #	Size (AWG or KCMIL)	Number of Strands	Insulation Thickness (MILS)	Nominal O.D.	Approx. Net Weight Per 1000' (Lbs.)
06-0055	14	SOLID	45	.157	22
06-0057	12	SOLID	45	.174	31
06-0059	10	SOLID	45	.195	44
06-0061	14	7	45	.165	23
06-0063	12	7	45	.183	33
06-0065	10	7	45	.207	47
06-0067	8	7	60	.275	78
06-0069	6	7	60	.315	115
06-0071	4	7	60	.360	170
06-0073	3	7	60	.390	208
06-0075	2	7	60	.420	255
06-0077	1	19	80	.495	326
06-0079	1/0	19	80	.535	402
06-0081	2/0	19	80	.580	496
06-0083	3/0	19	80	.630	613
06-0085	4/0	19	80	.690	760
06-0087	250	37	95	.770	907
06-0089	300	37	95	.825	1075
06-0091	350	37	95	.875	1240
06-0093	400	37	95	.925	1405
06-0095	500	37	95	1.010	1735
06-0097	600	61	110	1.120	2090
06-0099	750	61	110	1.225	2580
06-0101	1000	61	110	1.380	3400

To determine ampacity by conductor size, please consult the National Electrical Code, latest edition. NEC allows 1/0 AWG and larger to be CT Rated and Sun. Res.

- > Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.



PITTSBURGH WIRE & CABLE INC.