



Detail Description or Construction

Conductor

Bare annealed copper conductor,
solid or stranded.

Insulation

PVC 60°C insulation.

Application

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

Standards / Testing Specifications

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

Marking

PHELPS DODGE TW SIZE AWG 600 V.

Installation

TW conductors in sizes 14 AWG to 8 AWG
can be installed in conduits and other
raceways. The temperature of installation
does not have to exceed 60°C.



TW

600 V Copper Conductor, Covered with Thermoplastic Insulation of PVC (Polyvinyl Chloride) 60°C

Conductor Size	Number of Wires	Insulation Thickness	Overall Diameter (approx)	Minimum Bending Radii	Weight (approx)	Standard Package
AWG		mm	mm	mm	kg / km	m / rolls
14	1	0.76	3.5	14	28	100
12	1	0.76	3.9	16	40	100
10	1	0.76	4.5	18	60	100
8	1	1.14	6.1	24	100	100
14	7	0.76	3.7	15	29	100
12	7	0.76	4.2	17	43	100
10	7	0.76	4.9	20	65	100
8	7	1.14	6.6	26	107	100

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