



THW-2

600 Volt Copper

Description:

Single copper conductor, stranded, insulated with moisture and flame retardant, sunlight resistant polyvinyl chloride compound. Suitable for use in wet or dry locations where conductor temperatures do not exceed 90°C. **Available in colors.**

Application:

Type THW-2 is suitable for use in conduit or other recognized raceways for services, feeders and branch circuit wiring. Applications also include general purpose grounding for power and distribution circuits in residential, industrial and commercial buildings.

Standards:

ASTM B3, B8 and B787
UL 83
Flame Rated: VW-1/FT1
Federal Spec. A-A-59544
For CT use 1/0 AWG and larger
Sunlight Resistant (Black only)
Oil Resistant I
NEMA WC70 / ICEA S-95-658
RoHS Compliant

Part Number	Size AWG or MCM	Strand (no.)	Insulation Thickness (mils)	Nominal Diameter Overall (inch)	Approx. Net Weight (lbs/Mft)	Ampacity* 90°C Wet/Dry
THW14BK	14	7	30	.133	19	35†
THW12BK	12	7	30	.152	28	40†
THW10BK	10	7	30	.176	41	55†
THW8BK	8	7	45	.236	68	80
THW6BK	6	7	60	.304	109	105
THW4BK	4	7	60	.352	163	140
THW3BK	3	7	60	.380	199	165
THW2BK	2	7	60	.412	245	190
THW1BK	1	19	80	.481	320	220
THW1/0BK	1/0	19	80	.520	393	260
THW2/0BK	2/0	19	80	.564	485	300
THW3/0BK	3/0	19	80	.614	599	350
THW4/0BK	4/0	19	80	.670	743	405
THW250BK	250	37	95	.765	893	455
THW300BK	300	37	95	.819	1,057	500
THW350BK	350	37	95	.871	1,221	570
THW400BK	400	37	95	.918	1,384	615
THW500BK	500	37	95	1.003	1,708	700
THW600BK	600	61	110	1.113	2,062	780
THW750BK	750	61	110	1.218	2,547	885
THW1000BK	1,000	61	110	1.372	3,351	1,055

*Based on ambient temperature of 30°C per NEC-Table 310-17

The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for 14 AWG, 20 amps for 12 AWG, and 30 amps for 10 AWG per NEC 310-17 footnote.

NOTE: The data shown is approximate and subject to standard industry tolerances.