

BUILDING WIRE

TYPE THW — PVC INSULATION, 600 VOLT

Construction

Conductor:

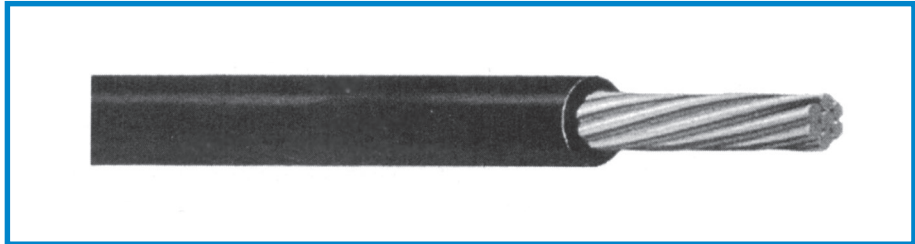
- Annealed uncoated copper conductor, PVC insulation, surface printed.

Applications:

- General purpose wiring for lighting and power - residential, commercial, industrial buildings in accordance with the NEC, maximum conductor temperature of 75°C in wet or dry locations, for circuits not exceeding 600 volts.

Industry Approvals:

- Listed by UL as Type THW per Standard 83.
- All sizes carry the VW-1 flame test designation.
- Listed by UL as Oil Resistant I.
- Listed by UL as Sunlight Resistant (250 MCM and larger, black only).
- 250 MCM and larger pass UL and IEEE-383 ribbon burner flame test and are listed For CT Use.
- Conforms to Federal Specification J-C-30B.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NOM. INSUL. THICKNESS	NOMINAL O. D.	CURRENT	NOMINAL WEIGHT
	AWG/MCM		INCHES	INCHES	AMPS*	LBS./MFT
SOLID						
15000	14	Solid	0.045	0.160	20 [†]	23
15001	12	Solid	0.045	0.170	25 [†]	32
15002	10	Solid	0.045	0.200	35 [†]	46
15003	8	Solid	0.060	0.270	50	75
STRANDED						
15004	14	7	0.045	0.170	20 [†]	24
15005	12	7	0.045	0.190	25 [†]	33
15006	10	7	0.045	0.210	35 [†]	47
15007	8	7	0.060	0.270	50	75
15008	6	7	0.060	0.300	65	107
15009	4	7	0.060	0.350	85	162
15010	2	7	0.060	0.410	115	247
15011	1	19	0.080	0.490	130	335
15012	1/0	19	0.080	0.530	150	410
15013	2/0	19	0.080	0.570	175	500
15014	3/0	19	0.080	0.620	200	620
15015	4/0	19	0.080	0.680	230	770
15016	250	37	0.095	0.750	255	915
15017	300	37	0.095	0.810	285	1095
15018	350	37	0.095	0.860	310	1260
15019	400	37	0.095	0.900	335	1420
15020	500	37	0.095	0.980	380	1760
15021	600	61	0.110	1.090	420	2115
15022	750	61	0.110	1.190	475	2605
15023	1000	61	0.110	1.340	545	3430

* Ampacity in accordance with NEC for not more than three conductors in raceway, 75°C conductor temperature and 30°C ambient in wet or dry locations.

† The over current protection shall not exceed 15 amperes for 14 AWG, 20 amperes for 12 AWG and 30 amperes for 10 AWG copper.

Custom Cable Corp.



Passes UL-VW-1
Flame Test
Underwriters Laboratories Inc.

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