



Aluminum THHN/THWN-2/T90 600V PVC/Nylon Insulation

Now available in Colors

Black
Gray
White

Blue
Orange
Yellow

Brown
Purple

Green
Red



Cable available in standard put-ups, bulk reels, or cut to length. We can parallel, provide on compartmental reels, layer wind or stack multiple cuts on one reel and add pulling eyes and custom labels to the reels to meet your customer's requirements.

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Aluminum THHN/THWN-2/T90 600V PVC/Nylon Insulation

APPLICATION: Priority Wire & Cable's Type THHN/THWN-2/T90 conductors are used for power distribution sometimes referred to as feeders. They may be used in Wet or Dry locations with conductor temperatures not exceeding 90C. The jacket features a low coefficient of friction coating so that no pulling lubricant is required.

DESCRIPTION: The cable features compact soft drawn bare 8000 series aluminum with Class B stranding. Cable is available in black, red, blue, white, brown, orange, yellow, ray, purple and green.

SPECIFICATIONS: THHN conductors meet or exceed UL 83, 1685, CUL CSA C22.2 No. 75. ASTM B800, B801, B836. Federal Specification AA-59544. VW-1/FT-1. ROHS Compliant. Sizes 1/0 and larger are rated for Tray Cable use. Gas and Oil Resistant II.

Colors Available*

Black Blue Brown Green Gray
Purple Red White Yellow Orange

THHN/THWN

PWC Part Number	Size AWG/KCM	Conductor Diameter (inches)	Insulation Thickness (inches)	Jacket Thickness (inches)	Overall Diameter (inches)	Weight (lbs/1000')	Ampacity at 90C*
6-01AL-THHN	6	0.169	0.030	0.005	0.239	38	55
4-01AL-THHN	4	0.213	0.040	0.006	0.305	62	75
2-01AL-THHN	2	0.268	0.040	0.006	0.360	91	100
1-01 AL-THHN	1	0.299	0.050	0.007	0.413	117	115
1/0-01AL-THHN	1/0	0.335	0.050	0.007	0.450	141	135
2/0-01 AL-THHN	2/0	0.378	0.050	0.007	0.490	172	150
3/0-01AL-THHN	3/0	0.423	0.050	0.007	0.537	210	175
4/0-01AL-THHN	4/0	0.476	0.050	0.007	0.589	257	205
250-01AL-THHN	250	0.520	0.060	0.008	0.656	311	230
300-01AL-THHN	300	0.571	0.060	0.008	0.706	365	260
350-01AL-THHN	350	0.614	0.060	0.008	0.752	418	280
400-01 AL-THHN	400	0.657	0.060	0.008	0.795	471	305
500-01AL-THHN	500	0.736	0.060	0.008	0.872	576	350
600-01AL-THHN	600	0.816	0.070	0.009	0.971	700	385
700-01 AL-THHN	700	0.877	0.070	0.009	1.035	804	425
750-01 AL-THHN	750	0.909	0.070	0.009	1.066	856	435
900-01AL-THHN	900	0.999	0.090	0.009	1.139	1013	480
1000-01 AL-THHN	1000	1.059	0.090	0.009	1.218	1117	500

All values are nominal and subject to correction

* Ampacities for not more than three conductors in raceway, based on ambient temperature of 30C per table 310-15 of the 2017 NEC



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