



# Single Conductor THHW Flexible Building Wire

ORDER ONLINE



- Excellent oil, heat, acid, and moisture resistance
- Class K Flexing Service Wire constructed with 30 AWG stranding for superior flexibility
- Soft annealed bare copper to ASTM Specifications B172 with extra-flexible extruded, high dielectric polyvinyl chloride (PVC) insulation
- Rated for -40°F to 221°F (-40°C to 105°C)



## Class K Finely Stranded Flexible Building Wire (THHW)

Part Number	Color	AWG	MM2	Bare Copper Stranding	Nominal OD	Wall Thickness	UL Style	Ampacity Rating**	
								Dry	Wet
THHW-6BLK	● Black	6	13.30	259 x 30	.326"	.060	1232	105	95
THHW-4BLK	● Black	4	21.15	420 x 30	.378"	.060	1232	140	125
THHW-2BLK	● Black	2	33.61	665 x 30	.485"	.060	1232	190	170
THHW-1BLK*	● Black	1	42.40	836 x 30	.550"	.080	1232	220	195
THHW-1/0BLK	● Black	1/0	53.50	1064 x 30	.625"	.080	1232	260	230
THHW-2/0BLK	● Black	2/0	67.40	1323 x 30	.650"	.080	1232	300	265
THHW-2/0RED	● Red	2/0	67.40	1323 x 30	.650"	.080	1232	300	265
THHW-3/0BLK*	● Black	3/0	85.00	1666 x 30	.710"	.080	1232	350	310
THHW-4/0RED	● Red	4/0	107.0	2107 x 30	.805"	.080	1232	405	360
THHW-4/0BLK	● Black	4/0	107.0	2107 x 30	.805"	.080	1232	405	360
THHW-250BLK*	● Black	250 MCM	127.0	2499 x 30	.880"	.095	1284	455	405
THHW-500BLK*	● Black	500 MCM	253.0	5054 x 30	1.160"	.095	1284	700	620
THHW-750BLK*	● Black	750 MCM	380.0	7448 x 30	1.380"	.110	1284	885	785

\*Available by special order. Additional colors available upon request. Minimums may apply.

\*\*The ampacities provided are for informational purposes only. Acceptance of these values by any governing body is the responsibility of the end user. Ampacities are based on a single conductor, in free air, at 30°C ambient air temperature.

- 105°C ampacities adapted from ICEA P-54-440 /NEMA WC51-1986 R1991)\*\*
- Some sizes available in tinned copper by special order (minimums apply)

### Applications

- Multipurpose use in NEC Article 310 and NFPA Standard 79 applications
- Internal appliance wiring, electronic circuits, switchboards, fluorescent ballasts, instrument panels, recreational vehicles
- Motor and transformer leads, hookup wire, and boat cable

### Industry Approvals

- Meets UL VW-1 and CSA FT1 flame test requirements
- UL Listed and Approved for 600V
- Meets or exceeds UL, ABYC and SAE standards
- NEC types Machine Tool Wire and THHW
- 1/0 to 750 MCM are CT (Cable Tray) approved
- UL AWM styles 1232, 1284, 1338
- 6 to 2 AWG also UL1337, 1 to 4/0 also UL1338
- CSA Certified. TEW FT-1 for 6 to 4/0 AWG, AWM 1 A/B FT-1 for 250 to 750 MCM

### Typical Legend

E196955 2/0 AWG 600 VOLT (UL) TYPE MTW VW-1 OR THHW FOR CT USE OR BOAT CABLE OR AWM STYLES 1232 & 1284 & 1338 -- CSA LL18810 TEW 105°C 600V FT1 OR AWM 1 A/B 600 VOLT 105°C 600V FT1 -- SAE TYPE SGT--BC-5W2

