



Grounding Wire

Type THW Single Conductor 75°C/600V

Type TW Single Conductor 60°C/600V

Description & Features:

Single conductor ground wires suitable for non-grounded multi-conductor cables. Compatible with twisted, heavy-duty, jacketed, or parallel cables. These wires are made to UL standard Type THW and TW. The solid bare copper conductor is insulated with a green moisture-resistant, polyvinyl chloride (PVC) insulation.

- Rated 75°C for THW, 60°C for TW
- Oil and grease resistant insulation
- Abrasion and crush resistant
- Available in stranded

Application:

- Suitable for providing grounding of submersible pump motors

Construction:

Conductor: Soft annealed copper

Insulation: Green polyvinyl chloride (PVC)

Temperature: 75° C for THW, 60°C for TW

Voltage: 600 volts

Specifications & Standards:

UL 83; UL 1581; ASTM B3; RoHS Compliant

TYPE THW or TW/PVC GROUNDING WIRE 75°C or 60°C/600V

Part Number	Conductor (solid) AWG	Dimensions (inches)		Standard Packaging	Weight Lbs./Mft.
		Insulation	O.D.		
THW14SOL	14	.045	.124	2,500'	22
THW12SOL	12	.045	.171	2,500'	30
THW10SOL	10	.045	.192	2,500'	39
TW8SOL	8	.045	.219	2,500'	68

All values are nominal; all weights are exclusive of packaging. All diameters and weights are subject to normal manufacturing tolerances.

All sales are subject to Standard Terms & Conditions of Sale.

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GROUNDING INFORMATION FOR SUBMERSIBLE PUMP MOTORS

The National Electric Code requires all motor-operated water pumps, including submersibles to be grounded. These grounds may be separate from the power feed cable. Per UL, the grounding conductor must be insulated and must be color-coded or identified for use only as a grounding conductor. Sizing of the ground wire is per UL 83. Check with your local inspector for proper installation procedure in your area.