

TECHNICAL SPECIFICATION  
80 mm<sup>2</sup> THHN Wire

**II. Technical Specification**

- UL 83 for Thermoplastic Insulated wires and cables (THHN/THWN-2)
- UL 758 for Appliance Wiring Materials (AWM)
- UL 1063 for Machine Tool Wire (MTW) (stranded conductors only)
- PNS 35 Thermoplastic Insulated Copper Wires and Cables 600 Volts

Temperature Rating not to exceed:

- THHN/THWN: 90°C dry and damp, 600V
- THHN/THWN: 75°C wet or in oil, 600V
- THWN-2: 90°C wet or in oil, 600V

Other Features:

- CT-rated lead free THHN/THWN cables are insulated with special PVC formulation that makes more flame retardant
- More tolerant to heat
- Insulation is made of materials ("environment friendly")
- Available color should be in black, white, red, blue, green and yellow

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Per Office Order No. 216 dated 01 July 2021