

SmartWire™ Building Wire

THHN, THWN-2, T90 Nylon, TWN75 (cUL)

Thermoplastic Insulated, Nylon Sheathed Heat, Moisture, Oil & Gasoline Resistant 600 Volt Copper

Product Description:

Windy City Wire Type THHN or THWN-2 conductors are primarily used in conduit as branch circuits in commercial or industrial applications, as specified by the National Electrical Code.

Type THHN or THWN-2 are available as stranded in sizes 14 AWG – 10 AWG, and as solid in sizes 14 – 10 AWG. The conductors are soft-annealed, stranded or solid copper and are insulated with a tough, heat and moisture resistant polyvinyl chloride (PVC), over which a nylon (polyamide) jacket is applied.

Specifications:

Windy City Wire Type THHN or THWN-2 meets applicable ASTM specifications, UL Standard 83, UL Standard 758, and UL Standard 1063. The conductors are Gasoline and Oil Resistant II, and have a voltage rating to 600 volts. All THHN is UL and cUL Listed.

Conductor AWG Size	No. Stands	PVC Insulation Thickness (Mils)	Nylon Jacket Thickness (Mils)	Nominal O.D. (Mils)	Ampacity 90° C THHN/THWN-2	Approx. Net Weight Per MFT
14	Solid	15	4	102	15	16
12	Solid	15	4	119	20	24
10	Solid	20	4	150	30	37
14	19	15	4	112	15	16
12	19	15	4	131	20	24
10	19	20	4	165	30	37

Windy City Wire standard stocking size, 1,000' RackPack Boxes, with Ascending/Descending Sequential Foot Markers 0 – 1,000 (both ways). Other put ups available upon request.




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