

SmartWire™ Building Wire

TFFN and TFN

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

Product Description:

Windy City Wire Type TFFN and TFN wires are recommended in most type of commercial and industrial applications where resistance to mechanical abuse is required. TFFN conductors are primarily used in conduit as branch or control circuits as specified in the National Electrical Code. Both TFN and TFFN conductors are suitable for use as Appliance Wiring Material as specified by Underwriters Laboratories Standard 758 where exposed to temperatures not exceeding 105° C or where exposed to oil at a temperature not exceeding 75° C.

TFFN and TFN copper conductors are annealed stranded (TFFN) or solid (TFN) copper. The conductors 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 TFFN and TFN wire is Gasoline and Oil Resistant II and meets applicable ASTM specifications, UL Standard 66 and the requirements of the National Electrical Code. The copper conductor voltage rating is rated at 600 volts.

Conductor AWG Size	No. Strands	PVC Insulation Thickness (Mils)	Nylon Jacket Thickness (Mils)	Nominal O.D. (Mils)	Ampacity 90° C TFFN/TFN	Approx. Net Weight Per MFT
18	7 Strand	15	4	90	14	8
16	19 Strand	15	4	104	18	11
18	Solid	15	4	78	14	7.5
16	Solid	15	4	89	18	10.5

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.




WINDY CITY WIRE
CABLE & TECHNOLOGY PRODUCTS, LLC

386 Internationale Drive, Suite H
Bolingbrook, Illinois 60440

P 800.379.1191
F 630.296.8100

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For additional information visit
www.smartwire.com or call
1.800.379.1191.