

TFFN/TEWN & TFN

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

DESCRIPTION:

Alan Wire Type TFFN and TFN wires are recommended in most types of commercial and industrial applications where resistance to mechanical abuse is required. TFFN conductors are primarily used as machine tool wiring 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 80°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 (polyimide) jacket is applied.

STANDARDS AND SPECIFICATIONS:

- 600V Rated
- UL 66, 758, 1063
- c(UL) On All Sizes
- Gasoline & Oil Resistant II
- TEWN meets UL 758 with FT1 rating
- ARRA 2009 Section 1605
"Buy American" Compliant

Conductor		TFFN			Ampacity	Approx Net WT./MFT
Size (AWG)	Stranding	PVC Insulation	Nylon Jacket	Nom. OD (Mils)	90°	
18	16 Strand	15	4	90	6	8
16	26 Strand	15	4	104	8	11

Conductor		TFN			Ampacity	Approx Net WT./MFT
Size (AWG)	Stranding	PVC Insulation	Nylon Jacket	Nom. OD (Mils)	90°	
18	Solid	15	4	78	6	7.5
16	Solid	15	4	89	8	10.5



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