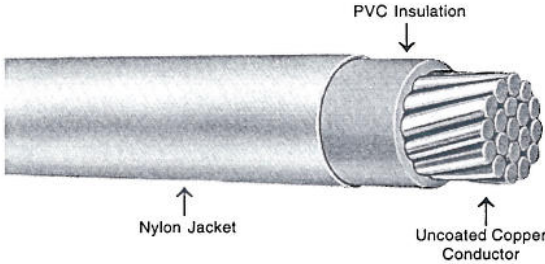


ROME TFFN FIXTURE WIRE

PVC - Nylon, 600 Volts
Multi-Rated Wire

<p>APPLICATION: For wiring of lighting and similar fixtures in accordance with the National Electrical Code, 90°C maximum conductor temperature, 600 volts. Also used for wiring of machine tools, appliances and control circuits not exceeding 600 volts.</p> <p>STANDARDS: Listed by Underwriters Laboratories as follows:</p> <ol style="list-style-type: none"> 1. Type TFFN - 16 AWG, 90°C 2. Gasoline and Oil Resistant II 3. Type MTW - 90°C Machine Tool Wire 4. AWM Style 1316 - 105°C, 80°C where exposed to oil 5. AWM Style 1452 - 90°C, 1000 volts. <p>CONSTRUCTION: Annealed uncoated copper conductor, PVC insulation, nylon jacket.</p>								
Type MTW or TFFN								
Size AWG	No. of Strands	Thickness in Mils		Nominal Diam. Inches	NEC Ampacity*	Approx. Net Wt. lb./1000 Ft.	Standard Package	
		PVC Insula- tion	Nylon Jacket				Length	Put-up
16	19	15	4	.099	8	12	500' spls.	4 per ctn.

*Ampacity in accordance with Article 402 of the NEC.

NOTES: 1. Available in following colors; black, white, red, blue, green, yellow, orange, brown, purple, pink and gray.

Information on this sheet subject to change without notice.

Specification

ROME TFFN FIXTURE WIRE

PVC-Nylon, 600 Volts Multi-Rated Wire

1. SCOPE

- 1.1 This specification describes multi-rated single conductor, 600 volt Rome PVC-Nylon Type TFFN Fixture Wire suitable for wiring of lighting fixtures and in similar equipment where enclosed or protected or for connecting lighting fixtures to the branch-circuit conductors supplying the fixtures where exposed to temperatures not exceeding 90°C, or where exposed to oil at a temperature not exceeding 80°C. Also suitable for internal wiring of appliances at 90°C, 1000 volts.

2. APPLICABLE STANDARDS

- 2.1 The following standards form a part of this specification to the extent specified herein:
 - 2.1.1 Underwriters Laboratories Standard 83 for Thermoplastic-Insulated Wire.
 - 2.1.2 Underwriters Laboratories Standard 62 for Flexible Cords and Fixture Wire.
 - 2.1.3 Underwriters Laboratories Standard 758 for Appliance Wiring Material.
 - 2.1.4 Underwriters Laboratories Standard 1063 for Machine Tool Wire.

3. CONDUCTOR

- 3.1 The conductor shall be stranded, annealed uncoated copper per UL Standards 83, 62 and 1063.

4. INSULATION

- 4.1 The conductor shall be insulated with PVC and sheathed with nylon. The PVC shall comply with the physical and electrical requirements of UL Standard 83, Class 12 and the nylon sheath to the requirements of UL Standard 62 and UL Standard 758.
- 4.2 The insulation and sheath thicknesses shall be as specified by UL Standards 62 and 1063.

5. IDENTIFICATION

- 5.1 The wire shall be identified by surface marking indicating manufacturer's identification, conductor size, voltage rating, UL symbol, and type designations.

6. TESTS

- 6.1 The wire shall be tested in accordance with the requirements of UL Standard 62.

7. LABELS

- 7.1 The wire shall bear the Underwriters Laboratories Machine Tool Wire label.