

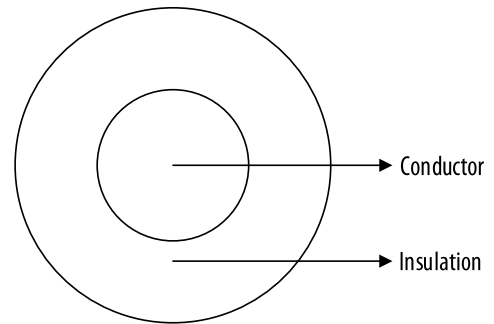
# UL 1213 – 30AWG Teflon PTFE Wire



PRODUCT DATA SHEET

Internal wiring of appliances where exposed to oil at temperature not exceeding 60C.

**Design Number** 10218  
**Part Number** Table 1  
**Customer Number** N/A



## CONSTRUCTION

**Conductor:** Stranded silver plated copper  
**Conductor Size:** 30AWG(7/38)  
**Conductor Diameter:** 0.012"(Nom.)  
**Insulation Material:** Extruded Polytetrafluoroethylene (PTFE)  
**Avg. Thickness:** 0.010"(Nom.)  
**Insulated Diameter:** 0.032"(Nom.)  
**Insulation Color:** A variety of colors available

## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** 105°C by UL  
**Operating Voltage:** Not specified by UL  
**Conductor Resistance@20°C:** 381 Ω/km Max  
**Dielectric Test:** AC 1.0 kV/1 min

## SAFETY CHARACTERISTICS

**RoHS Compliance:** European Directive 2015/863/EU  
**Reference Standards:** UL 758, UL 1581, and Style Page UL 1213  
**Approvals:** AWM UL 1213

Table 1

Part Number	Insulation Color
32113034	Red
32115881	Black

**Application:** Common applications include military harnessing power supply lead time, appliance wiring, and medical electronics.

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Revision History		
00	2020/05/18	Initial release
Created L. Jian	Approved A. Huang	

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