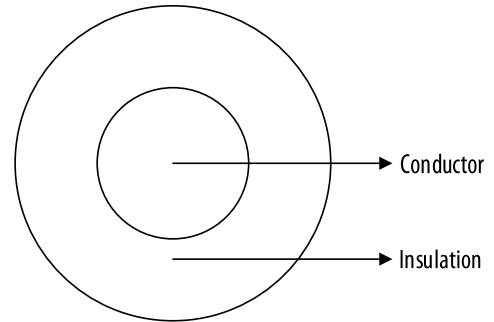


# UL 1199 – 16AWG Teflon PTFE Wire



PRODUCT DATA SHEET

Internal wiring of appliances and electronic equipment.



**Design Number** 10277  
**Part Number** See Table  
**Customer Number** N/A

## CONSTRUCTION

**Conductor:** Stranded silver plated copper  
**Conductor Size:** 16AWG(19/0.30)  
**Conductor Diameter:** 0.059”(Nom.)  
**Insulation Material:** Extruded Polytetrafluoroethylene (PTFE)  
**Avg. Thickness:** 0.020”(Nom.)  
**Insulated Diameter:** 0.10”(Nom.)  
**Insulation Color:** A variety of colors available

Print Legend:

ASCENT E477982 CS AWM STYLE 1199 16AWG 200°C 600V VW-1

## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** 200°C  
**Operating Voltage:** 600V  
**Conductor Resistance@20°C:** 14.6 Ω/km Max  
**Dielectric Test:** AC 2.0 kV/1 min

## SAFETY CHARACTERISTICS

**RoHS Compliance:** European Directive 2015/863/EU  
**Reference Standards:** UL 758, UL 1581, and Style Page UL 1199  
**Approvals:** AWM UL 1199

### Part Number Table

<b>32132169</b>	Black
<b>32132170</b>	Red
<b>32132171</b>	Blue

**Application:** For use in electronic and appliance applications. Rated for continuous use up to 200°C

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Revision History		
00	2020/04/23	Initial release
01	2020/05/06	Add part number of color
Created L. Jian	Approved A. Huang	

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