

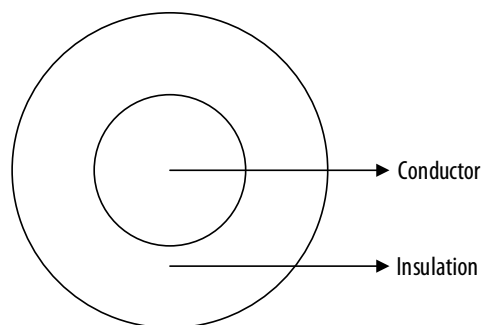
UL 1213 – 18AWG Teflon PTFE Wire



PRODUCT DATA SHEET

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

Design Number 10235
Part Number Table 1
Customer Number N/A



CONSTRUCTION

Conductor: Stranded silver plated copper
Conductor Size: 18AWG, 19 strands
Conductor Diameter: 0.047" (Nom.)
Insulation Material: Extruded Polytetrafluoroethylene (PTFE)
Nom. Thickness: 0.01"
Insulated Diameter: 0.063"-0.073"
Insulation Color: A variety of colors available

Print Legend:

ASCENT E477982 **  AWM STYLE 1213 18AWG 105°C VW-1
"***" = Factory ID

Table 1

Part Number	Insulation Color
32204037	Red
32204038	Black

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): -60°C to +105°C
Conductor Resistance@20°C: Max 23.2 Ω/km
Dielectric Test: 2.0kV/1min

SAFETY CHARACTERISTICS

Approvals: AWM UL 1213, CUL
RoHS Compliant

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

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Revision History		
00	2025/08/25	Initial release
Created L. Jian	Approved T. Plochocki	

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