



PMC A DIVISION OF ROCKBESTOS SURPRENANT CABLE CORPORATION  
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SPECIALIZING IN WIRE & CABLE FOR THE SENSOR INDUSTRY • FAX (603) 622-7023

## PRODUCT SPECIFICATION

**PMC Part Number: SPEC1805**

This specification covers a one pair, 16 AWG stranded, type E, Thermocouple grade, standard limits of error cable. This cable is insulated with taped TFE, shielded with nickel plated copper braid, and jacketed with TFE tape. This cable is rated to 250°C.

### **Conductors**

Size: 16 AWG 7/24

Nominal OD: 0.060"

Positive leg: EP thermoelement, NiCr

Negative leg: EN thermoelement, CuNi

### **Insulation**

Material: Sintered TFE tape

Nominal wall: 0.010"

Nominal OD: 0.080"

Color code: (+) violet; (-) red

### **Cable**

Nominal lay: 2.00" left hand

Nominal OD: 0.160"

### **Braid Shield**

Material: NPC, 36 AWG

Nominal wall: 0.011"

Nominal OD: 0.182"

### **Jacket**

Material: Sintered TFE Tape

Nominal wall: 0.010"

Nominal OD: 0.202"

Color: Brown

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Rev	Description	Date	By	Approved
A	Initial Release	8-27-2008	Charles	Chen