



# Southwire®

## PRODUCT DATA SHEET

Controlled Document - Engineering Drive  
Southwire  
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**PART NUMBER:** CZ126Z1008  
**DESCRIPTION:** TFZ 12(37)T 600 BLK TYPE Z  
**CONSTRUCTION:** This Appliance wire consists of ETFE insulation over 12 AWG Silver plated copper  
**APPROVALS:** NEC TYPE Z  
**APPLICATION:** Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components, and other products up to 150° C. Provides excellent resistance to gasoline, oil, moisture, and acids.

### Construction Parameters:

|                              |                             |
|------------------------------|-----------------------------|
| Conductor                    | 12 AWG                      |
| Stranding                    | 37/.0113 SPC                |
| Insulation Material          | Extruded ETFE fluoropolymer |
| Insulation Thickness         | 0.015" Nom.                 |
| Insulated Conductor Diameter | 0.111" Nom.                 |
| Approximate Cable Weight     | 25.0 Lbs/1M' Nom.           |
| Flame Rating                 | UL 1581 horizontal flame    |

### Electrical Properties:

|                    |       |
|--------------------|-------|
| Temperature Rating | 200°C |
| Operating Voltage  | 600V  |

|                   |       |
|-------------------|-------|
| Insulation Colors | Black |
|-------------------|-------|

|                          |   |
|--------------------------|---|
| Legend (White Ink Print) | 12 AWG (3.31mm <sup>2</sup> ) E57498 (PLANT ID CODE) (AWM LOGO) AWM 10086 200C 600V |
|--------------------------|---|

This product complies with European Directive 2002/95/EC (RoHS)

The customer will accept all factory lengths and +/- 10 percent of total order requested.

Please review carefully. These manufactured products are non cancelable and non returnable items.

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