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1-800-Belden1



## General Description:

EPDM high temperature lead wire. 150C EPDM wire is recommended for Class 130(B) , 155(F) and also in some 180(H) systems. It's UL Recognized under Style 3374 as 150C-600V Appliance Wiring Material. The CSA Listing, as a coil lead, is 125C, 600V.

## Physical Characteristics (Overall)

### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 1            | 2   | 163x24    | TC - Tinned Copper |

Total Number of Conductors: 1

### Insulation

Insulation Material:

| Insulation Material                            | Min. Avg. Wall (in.) |
|--|----------------------|
| EPDM - Ethylene Propylene Diene Monomer Rubber | 0.080                |

### Separator

Separator Material over Conductor: Y

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.494 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: -55°C To +150°C

UL Temperature Rating: 125°C (UL AWM Style 3340), 125°C (UL AWM Style 3374), 150°C

Bulk Cable Weight: 276 lbs/1000 ft.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL AWM Style: UL Style 3340 (600 V 125°C), UL Style 3374 (600 V 125°C)

UL Rating: 600 V, 150°C

CSA Rating: 600 V, 125°C

CSA Type: CL1254

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 0.160                    |

Max. Operating Voltage - UL:

| Voltage   | Description |
|-----------|-------------|
| 600 V RMS | UL AWM 3340 |
| 600 V RMS | UL AWM 3374 |

**Max. Recommended Current:**

| Description                                | Current  |
|--|----------|
| Single conductor in free air @ 30C ambient | 255 amps |

**Put Ups and Colors:**

| Item #        | Putup    | Ship Weight | Color | Notes | Item Desc             |
|---------------|----------|-------------|-------|-------|-----------------------|
| 37102 010100  | 100 FT   | 31.100 LB   | BLACK | C     | #2 STR EPDM 150C 600V |
| 37102 0101000 | 1,000 FT | 286.000 LB  | BLACK | C     | #2 STR EPDM BLK       |
| 37102 010250  | 250 FT   | 71.750 LB   | BLACK | C F   | #2 STR EPDM 150C 600V |

**Notes:**

C = CRATE REEL PUT-UP.  
 F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'

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