

EPDM

High-Temperature

**UL AWM Style 3340 and 3374
600V, 125°C Flex/150°C No Flex
(CSA Type CL1254)****Product Description**

The insulation used for this High-Temperature lead wire is a chemically cross-linked ethylene-propylene diene elastomer. Never before could you find many of the characteristics that are found in Silicone and Hypalon® combined into one insulation. This 150°C EPDM wire offers more abrasion resistance than Hypalon... has the temperature rating of Silicone... at a price less than Silicone. EPDM has exceptional qualities that help you achieve new levels of economy and quality. 150°C 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 a 150°C—600V Appliance Wiring Material. The CSA Listing, as a coil lead, is 125°C, 600V. For additional technical information, see Technical Information pages at the end of this section.

Recommended maximum baking cycles:

24 hours @ 350°F (177°C) • 4 hours @ 375°F (190°C)

Stranded Conductor

Stranded tinned copper conductor

Separator Over Conductor

Separator

| Part No. | AWG (stranding) [sq. mm] (stranding in mm) | Insulation Thickness | | Nominal OD | | Standard Lengths | | Standard Unit Weight | | Stock Colors (See Color Codes Chart on Page 3.29) |
|--|--|----------------------|-------|------------|-------|--------------------|--------|----------------------|-------|--|
| | | Inch | mm | Inch | mm | Ft. | m | Lbs. | kg | |
| 600V, 125°C Flex/150°C No Flex (UL) • 600V, 125°C (CSA) | | | | | | | | | | |
| UL AWM Style 3340 and 3374 • CSA Type CL1254 | | | | | | | | | | |
| 37118 | 18 (16x30) [.82 (16x.25)] | .045 | 1.14 | .142 | 3.61 | 500 [†] | 152.4 | 7.5 | 3.4 | 2, 4, 5, 9, 10, 13 |
| | | | | | | 5000 ^{††} | 1524.0 | 70.0 | 31.8 | 2, 9, 10, 13 |
| 37116 | 16 (26x30) [1.32 (26x.25)] | .045 | 1.14 | .154 | 3.91 | 500 [†] | 152.4 | 9.5 | 4.3 | 2, 4, 5, 9, 10, 13 |
| | | | | | | 4000 ^{††} | 1219.2 | 72.0 | 32.7 | 10 |
| | | | | | | 5000 ^{††} | 1524.0 | 90.0 | 40.9 | 10 |
| 37114 | 14 (41x30) [2.08 (41x.25)] | .045 | 1.14 | .169 | 4.29 | 500 [†] | 152.4 | 12.5 | 5.7 | 2, 10 |
| | | | | | | 4000 ^{††} | 1219.2 | 96.0 | 43.6 | 2, 10 |
| | | | | | | 5000 ^{††} | 1524.0 | 125.0 | 56.8 | 10 |
| 37112 | 12 (65x30) [3.29 (65x.25)] | .045 | 1.14 | .190 | 4.83 | 500 [†] | 152.4 | 16.5 | 7.5 | 2, 10 |
| | | | | | | 3000 ^{††} | 914.4 | 105.0 | 47.7 | 10 |
| | | | | | | 5000 ^{††} | 1524.0 | 175.0 | 79.5 | 10 |
| 37110 | 10 (65x28) [5.23 (65x.32)] | .060 | 1.52 | .240 | 6.10 | 500 [†] | 152.4 | 26.0 | 11.8 | 10 |
| | | | | | | 2000 ^{††} | 609.6 | 108.0 | 49.2 | 10 |
| | | | | | | 5000 ^{††} | 1524.0 | 275.0 | 125.0 | 10 |
| 37108* | 8 (84x27) [8.60 (84x.36)] | .080 | 2.03 | .327 | 8.31 | 250 ^{**} | 76.2 | 22.5 | 10.2 | 10 |
| | | | | | | 500 [†] | 152.4 | 48.0 | 21.8 | 10 |
| | | | | | | 2500 | 762.0 | 235.0 | 106.8 | 10 |
| 37106* | 6 (84x25) [13.66 (84x.46)] | .080 | 2.03 | .383 | 9.73 | 100 [*] | 30.5 | 14.2 | 6.5 | 10 |
| | | | | | | 250 ^{**} | 76.2 | 33.0 | 15.0 | 10 |
| | | | | | | 500 [†] | 152.4 | 69.0 | 31.3 | 10 |
| | | | | | | 2500 | 762.0 | 345.0 | 156.8 | 10 |
| 37104* | 4 (105x24) [21.53 (105x.51)] | .080 | 2.03 | .432 | 10.97 | 100 [*] | 30.5 | 18.7 | 8.5 | 10 |
| | | | | | | 250 ^{**} | 76.2 | 50.0 | 22.7 | 10 |
| | | | | | | 500 [†] | 152.4 | 98.5 | 44.8 | 10 |
| 1000 | 304.8 | 196.0 | 89.1 | 10 | | | | | | |
| 37103* | 3 (133x24) [27.28 (133x.51)] | .080 | 2.03 | .453 | 11.51 | 100 [*] | 30.5 | 22.7 | 10.3 | 10 |
| | | | | | | 250 ^{**} | 76.2 | 61.8 | 28.1 | 10 |
| 37102* | 2 (163x24) [33.43 (163x.51)] | .080 | 2.03 | .494 | 12.55 | 100 [*] | 30.5 | 31.1 | 14.1 | 10 |
| | | | | | | 250 ^{**} | 76.2 | 72.3 | 32.8 | 10 |
| | | | | | | 1000 | 304.8 | 286.0 | 130.0 | 10 |
| 37101* | 1 (210x24) [43.07 (210x.51)] | .095 | 2.41 | .583 | 14.81 | 100 [*] | 30.5 | 41.0 | 18.6 | 10 |
| | | | | | | 250 ^{**} | 76.2 | 95.0 | 43.2 | 10 |
| | | | | | | 1000 | 304.8 | 376.0 | 170.9 | 10 |
| 37190* | 1/0 (262x24) [53.73 (262x.51)] | .095 | 2.41 | .633 | 16.08 | 50 | 15.2 | 24.7 | 11.2 | 10 |
| | | | | | | 100 [*] | 30.5 | 48.3 | 22.0 | 10 |
| | | | | | | 250 ^{**} | 76.2 | 115.5 | 52.5 | 10 |
| 500 | 152.4 | 223.5 | 101.6 | 10 | | | | | | |
| 37100* | 2/0 (504x26) [67.85 (504x.41)] | .095 | 2.41 | .698 | 17.73 | 50 | 15.2 | 30.9 | 14.0 | 10 |
| | | | | | | 100 [*] | 30.5 | 58.8 | 26.7 | 10 |
| | | | | | | 250 ^{**} | 76.2 | 141.8 | 64.4 | 10 |
| 500 | 152.4 | 279.5 | 127.0 | 10 | | | | | | |
| 37130* | 3/0 (630x26) [84.81 (630x.41)] | .095 | 2.41 | .758 | 19.25 | 50 | 15.2 | 38.5 | 17.5 | 10 |
| | | | | | | 250 ^{**} | 76.2 | 174.0 | 79.1 | 10 |
| | | | | | | 500 | 152.4 | 346.0 | 157.3 | 10 |
| 37140* | 4/0 (805x26) [108.37 (805x.41)] | .095 | 2.41 | .849 | 21.57 | 50 | 15.2 | 44.6 | 20.2 | 10 |
| | | | | | | 250 ^{**} | 76.2 | 215.8 | 98.1 | 10 |
| | | | | | | 500 | 152.4 | 449.0 | 203.7 | 10 |

*Separator over conductor.

†May contain more than one piece. Length may vary ±10% from length shown.

††May contain more than one piece. Minimum length of any one piece is 200 ft.

*100 ft. put-ups are exact, one piece.

**200 ft. put-ups are exact, but may contain 2 pieces max. Minimum length of any one piece is 50 ft.

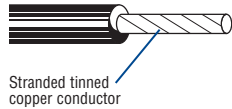
EPDM

High-Temperature

UL AWM Style 3484 600V, 125°C (CSA Type AWM)

Product Description

This series of EPDM (ethylene-propylene diene elastomer) will provide you with a lead wire which possesses excellent characteristics. The reduced wall thickness results in a UL and CSA Rating of 600V, 125°C. For additional technical information, see Technical Information pages at the end of this section.

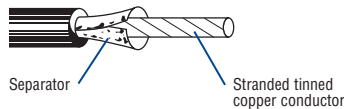


UL AWM Style 3499 7500V, 150°C High-Voltage EPDM

Product Description

The insulation used for this High-Voltage wire is a chemically cross-linked ethylene-propylene diene elastomer with a separator for improved strippability. EPDM is naturally corona resistant and more heat resistant than many other rubber compounds and is able to take the longer bake cycles frequently needed for the big jobs. EPDM has superior weather resistance and low temperature pliability. EPDM is used in many high voltage applications. For additional technical information, see Technical Information pages at the end of this section.

Recommended maximum baking cycles:
24 hours @ 350°F (177°C) • 4 hours @ 375°F (190°C)



| Part No. | AWG (stranding) [sq. mm] (stranding in mm) | Insulation Thickness | | Nominal OD | | Standard Lengths | | Standard Unit Weight | | Stock Colors (See Color Codes Chart on Page 3.29) |
|----------|--|----------------------|----|------------|----|------------------|---|----------------------|----|--|
| | | Inch | mm | Inch | mm | Ft. | m | Lbs. | kg | |

600V, 125°C (UL & CSA)

| UL AWM Style 3484 • CSA Type AWM | | | | | | | | | | |
|----------------------------------|-------------------------------|------|-----|------|------|---|---|---|---|----------------|
| 37222 | 22 (7x30) [.36 (7x.25)] | .030 | .76 | .093 | 2.36 | * | * | * | * | Special Order* |
| 37220 | 20 (10x30) [.51 (10x.25)] | .030 | .76 | .102 | 2.59 | * | * | * | * | Special Order* |
| 37218 | 18 (16x30) [.81 (16x.25)] | .030 | .76 | .109 | 2.77 | * | * | * | * | Special Order* |
| 37216 | 16 (26x30) [1.32 (26x.25)] | .030 | .76 | .123 | 3.12 | * | * | * | * | Special Order* |
| 37214 | 14 (41x30) [2.08 (41x.25)] | .030 | .76 | .138 | 3.51 | * | * | * | * | Special Order* |
| 37212 | 12 (65x30) [3.29 (65x.25)] | .030 | .76 | .158 | 4.01 | * | * | * | * | Special Order* |

*Contact Belden's Customer Service Department for order requirements. 1-800-BELDEN-1.

7500V, 150°C (UL)

| UL AWM Style 3499 | | | | | | | | | | |
|-------------------|------------------------------------|------|------|------|-------|---------|-------|-------|-------|----|
| 37508 | 8 (84x27) [8.60 (84x.36)] | .125 | 3.18 | .423 | 10.74 | 50 * | 15.2 | 9.6 | 4.4 | 10 |
| | | | | | | 500 †† | 152.4 | 66.0 | 30.0 | 10 |
| | | | | | | 1000 †† | 304.8 | 130.0 | 59.1 | 10 |
| 37506 | 6 (84x25) [13.66 (84x.46)] | .125 | 3.18 | .470 | 11.94 | 50 * | 15.2 | 11.8 | 5.3 | 10 |
| | | | | | | 500 †† | 152.4 | 90.0 | 40.9 | 10 |
| | | | | | | 1000 †† | 304.8 | 176.0 | 80.0 | 10 |
| 37504 | 4 (105x24) [21.53 (105x.51)] | .125 | 3.18 | .526 | 13.36 | 50 * | 15.2 | 15.0 | 6.8 | 10 |
| | | | | | | 500 †† | 152.4 | 122.0 | 55.5 | 10 |
| | | | | | | 1000 †† | 304.8 | 240.0 | 109.1 | 10 |
| 37502 | 2 (163x24) [33.43 (163x.51)] | .125 | 3.18 | .581 | 14.76 | 50 * | 15.2 | 19.4 | 8.8 | 10 |
| | | | | | | 500 †† | 152.4 | 167.5 | 76.0 | 10 |
| | | | | | | 1000 †† | 304.8 | 333.0 | 151.4 | 10 |
| 37501 | 1 (210x24) [43.07 (210x.51)] | .125 | 3.18 | .638 | 16.21 | 50 * | 15.2 | 23.1 | 10.5 | 10 |
| | | | | | | 500 †† | 152.4 | 206.0 | 93.6 | 10 |
| | | | | | | 250 † | 76.2 | 123.5 | 56.1 | 10 |
| 37590 | 1/0 (262x24) [53.73 (262x.51)] | .125 | 3.18 | .688 | 17.48 | 50 * | 15.2 | 27.3 | 12.4 | 10 |
| | | | | | | 250 † | 76.2 | 123.5 | 56.1 | 10 |
| | | | | | | 500 †† | 152.4 | 243.0 | 110.5 | 10 |
| 37500 | 2/0 (504x26) [67.85 (504x.41)] | .125 | 3.18 | .753 | 19.13 | 50 * | 15.2 | 34.2 | 15.5 | 10 |
| | | | | | | 250 † | 76.2 | 150.5 | 68.4 | 10 |
| | | | | | | 500 †† | 152.4 | 302.5 | 137.5 | 10 |
| 37530 | 3/0 (630x26) [84.81 (630x.41)] | .125 | 3.18 | .813 | 20.65 | 50 * | 15.2 | 40.5 | 18.4 | 10 |
| | | | | | | 250 † | 76.2 | 184.0 | 83.6 | 10 |
| | | | | | | 500 †† | 152.4 | 368.0 | 167.2 | 10 |
| 37540 | 4/0 (805x26) [108.37 (805x.41)] | .125 | 3.18 | .909 | 23.09 | 50 * | 15.2 | 48.7 | 22.1 | 10 |
| | | | | | | 250 † | 76.2 | 228.8 | 104.0 | 10 |
| | | | | | | 500 †† | 152.4 | 457.6 | 208.0 | 10 |

*50 ft. put-ups are one piece, exact.

†250 ft. put-ups are exact, but may contain 2 pieces max. Minimum length of any one piece is 50 ft.

††May contain more than one piece. Length may vary ±10% from length shown.