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 Inch	Insulation Thickness mm	Nominal OD Inch	Nominal OD mm	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Stock Colors (See Color Codes Chart on Page 3.29)
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.

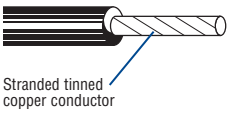
Hypalon is a DuPont trademark.

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.



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

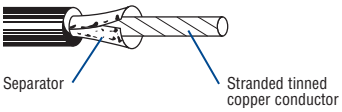
*Contact Belden's Customer Service Department for order requirements. **1-800-BELDEN-1**.

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 Inch	Insulation Thickness mm	Nominal OD Inch	Nominal OD mm	Standard Lengths Ft.	Standard Lengths m	Standard Unit Weight Lbs.	Standard Unit Weight kg	Stock Colors (See Color Codes Chart on Page 3.29)
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
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
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	472.0	214.5	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.