

H O O K - U P & L E A D W I R E

Hypalon®

UL AWM Style 3191
600V, 105°C
(CSA Type CL1053)**Product Description**

This insulation is chlorosulfonated polyethylene. Hypalon insulation has excellent heat resistance, color stability and electrical properties. Hypalon is recommended for motor leads for Class 130(B) insulation systems. It may be considered as an alternative to Silicone rubber to withstand 155°C varnish baking temperatures, but is not suitable for operating temperatures above Class 130(B).

Recommended maximum baking cycles:
24 hours @ 300°F (149°C)



Stranded tinned copper conductor

UL AWM Style 3191, 3192, 3193
600V, 105°C
(CSA Type CL1052, 300V)**Product Description**

This insulation is chlorosulfonated polyethylene. Hypalon insulation has excellent heat resistance, color stability and electrical properties. Hypalon is recommended for motor leads for Class 130(B) insulation systems. It may be considered as an alternative to Silicone rubber to withstand 155°C varnish baking temperatures, but is not suitable for operating temperatures above Class 130(B).

Recommended maximum baking cycles:
24 hours @ 300°F (149°C)

Stranded Conductor

Stranded tinned copper conductor

Separator Over Conductor

Separator

Hypalon is a DuPont trademark.

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, 105°C (UL & CSA)**UL AWM Style 3191 • CSA Type CL1053**

34418	18 (16x30) [.81 (16x.25)]	.045	1.14	.142	3.61	100 [†]	30.5	2.3	1.0	2, 10
						500 [†]	152.4	8.0	3.6	2, 4, 5, 8-10, 13
						5000 [†]	1524.0	75.0	34.1	2, 4, 5, 8, 10, 13
34416	16 (26x30) [1.32 (26x.25)]	.045	1.14	.155	3.94	100 [†]	30.5	2.8	1.3	2, 10
						500 [†]	152.4	10.5	4.8	2, 4, 5, 8-10, 13
						4000 [†]	1219.2	80.0	36.4	8-10
34414	14 (41x30) [2.08 (41x.25)]	.045	1.14	.170	4.32	100 [†]	30.5	3.5	1.6	2, 8, 10
						500 [†]	152.4	13.5	6.1	2, 5, 8, 10
						4000 [†]	1219.2	108.0	49.1	2, 8, 10
34412	12 (65x30) [3.29 (65x.25)]	.045	1.14	.190	4.83	100 [†]	30.5	4.4	2.0	2, 8, 10
						500 [†]	152.4	21.5	9.8	2, 5, 6, 8, 10
						3000 [†]	914.4	114.0	51.8	2, 8, 10

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

600V, 105°C (UL) • 300V, 105°C (CSA)**UL AWM Style 3191 • CSA Type CL1052^{††}**

34410	10 (65x28) [5.23 (65x.32)]	.045	1.14	.209	5.31	100 [†]	30.5	5.8	2.6	8, 10
						500 [†]	152.4	25.5	11.6	8, 10
						2000 [†]	609.6	100.0	45.5	8, 10

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34408*	8 (84x27) [8.60 (84x.36)]	.060	1.52	.290	7.37	100 [†]	30.5	9.9	4.5	8, 10
						250 [†]	76.2	24.3	11.0	8, 10
						500 [†]	152.4	48.6	22.0	8, 10
34406*	6 (84x25) [13.66 (84x.46)]	.060	1.52	.343	8.71	100 [†]	30.5	13.7	6.2	8, 10
						250 [†]	76.2	34.3	15.6	10
						1000 [†]	304.8	136.0	61.8	10
34404*	4 (105x24) [21.53 (105x.51)]	.060	1.52	.399	10.14	100 [†]	30.5	19.4	8.8	8, 10
						250 [†]	76.2	51.0	23.2	10
						500 [†]	152.4	97.0	44.1	10
34403*	3 (133x24) [27.28 (133x.51)]	.060	1.52	.420	10.69	500 [†]	152.4	118.0	53.6	10
						100 [†]	30.5	30.3	13.8	8, 10
						250 [†]	76.2	70.8	32.2	10
34402*	2 (163x24) [33.43 (163x.51)]	.060	1.52	.454	11.53	500 [†]	152.4	139.0	63.2	10
						100 [†]	30.5	30.3	13.8	8, 10
						250 [†]	76.2	70.8	32.2	10

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34401*	1 (210x24) [43.07 (210x.51)]	.080	2.03	.557	14.15	50 [†]	15.2	20.2	9.2	10
						100 [†]	30.5	42.3	19.2	8, 10
						250 [†]	76.2	97.0	44.1	10
34490*	1/0 (262x24) [53.73 (262x.51)]	.080	2.03	.607	15.42	50 [†]	15.2	25.7	11.7	8, 10
						100 [†]	30.5	48.9	22.2	10
						250 [†]	76.2	114.8	52.2	10
34400*	2/0 (504x26) [67.85 (504x.41)]	.080	2.03	.668	16.97	50 [†]	15.2	30.4	13.8	8
						100 [†]	30.5	57.9	26.3	10
						250 [†]	76.2	139.5	63.4	10
34430*	3/0 (630x26) [84.81 (630x.41)]	.080	2.03	.732	18.59	50 [†]	15.2	38.5	17.5	10
						250 [†]	76.2	175.8	79.9	10
34440*	4/0 (805x26) [108.37 (805x.41)]	.080	2.03	.819	20.80	50 [†]	15.2	46.2	21.0	8, 10
						250 [†]	76.2	215.0	97.7	10

* Separator over conductor.

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

^{††}CSA requires additional wall thickness in sizes 10 AWG and larger to meet CL1053 requirements.