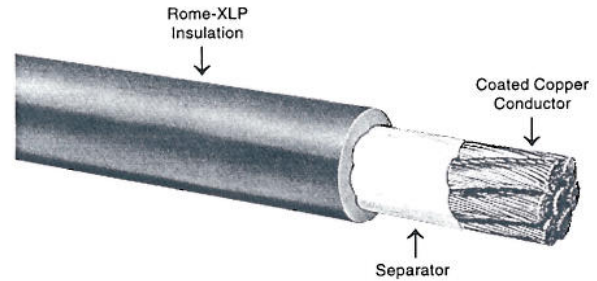


ROME-XLP APPLIANCE & MOTOR LEAD WIRE, 125°C, 600 VOLTS

APPLICATION: As appliance wires exposed to temperatures not exceeding 125°C in dry locations. As lead wires for coils, dry-type transformers, motors, ballasts or solenoids where high temperature operation or baking cycles are involved. Also recommended under IEEE Standards for Class B (130°C) motor leads.

STANDARDS: Listed by Underwriters Laboratories per UL Standard 758 and the Style Numbers shown in the table below; labeled as Appliance Wiring Material. Approved by Canadian Standards Association as Type CL1251 Coil Lead Wire per CSA Standard C22.2 No. 127.

CONSTRUCTION: Annealed coated flexible stranded copper conductor, separator, Rome-XLP (chemically crosslinked polyethylene) integrally colored insulation, surface printed.



Size AWG	No. of Strands	Insulation Thickness Mils	Nominal Diameter Inches	Approx. Net Wt. lb./1000 Ft.	UL Style Number	CSA Type
16	26	30	.126	13	3173	CL1251
14	41	30	.141	20	3173	CL1251
12	65	30	.161	27	3173	CL1251
10	104	30	.185	44	3173	CL1251
16	26	45	.157	17	3182	CL1251
14	41	45	.172	23	3182	CL1251
12	65	45	.191	32	3182	CL1251
10	104	45	.215	46	3182	CL1251
8	84	45	.262	70	3195	CL1251
6	84	60	.336	115	3196	CL1251
4	133	60	.395	178	3196	CL1251
2	259	60	.454	265	3196	CL1251

- NOTES.
1. Standard color is black. Other colors are furnished by color pigmenting the insulation.
 2. Conductor strandings other than those indicated are available on request.
 3. Furnished in long lengths on non-returnable reels.

Information on this sheet to change without notice.

Specification

ROME-XLP APPLIANCE & MOTOR LEAD WIRE, 125°C, 600 VOLTS

1. SCOPE

- 1.1 This specification describes single conductor wire and cable insulated with Rome-XLP chemically crosslinked polyethylene in sizes 16 AWG through 2 AWG copper conductors. The wire or cable shall be suitable for operation where exposed to temperatures not exceeding 125°C in dry locations at 600 volts. The product shall be listed by Underwriters Laboratories as Appliance Wiring Material (AWM) and approved by Canadian Standards Association as Coil Lead Wire.

2. STANDARDS

- 2.1 The following standards shall form a part of this specification:
 - 2.1.1 UL Standard 758 for Appliance Wiring Material and CSA Standard C22.2 No. 127, latest edition, for Equipment and Lead Wires.

3. CONDUCTORS

- 3.1 Conductors shall be tin coated bunch or rope stranded copper per UL Standard 758.

4. SEPARATOR

- 4.1 A suitable separator over the conductor may be used at the option of the manufacturer.

5. INSULATION

- 5.1 Insulation shall be an extruded wall of Rome-XLP chemically crosslinked polyethylene of the specified color. The insulation shall meet the physical, aging, electrical and thickness requirements specified in UL Standard 758 and CSA C22.2 No. 127 for UL Style Numbers 3173, 3182, 3195, 3196 and CSA Type CL1251.

6. IDENTIFICATION

- 6.1 Finished product shall be identified by means of surface ink printing indicating: manufacturer, size, insulation type, temperature rating, voltage rating, UL Style Number and CSA CL1251, as applicable.

7. TESTS

- 7.1 Completed wire and cable shall be tested in accordance with UL Standard 758 and CSA Standard C22.2 No. 127 requirements.