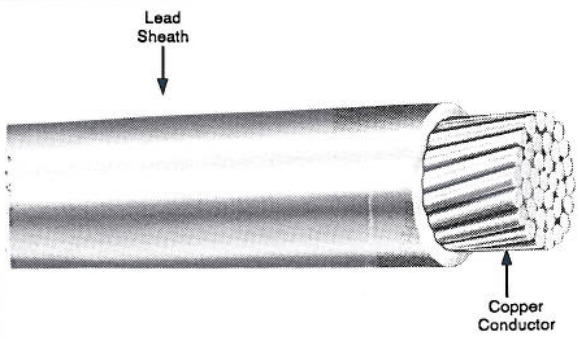


ROME LEAD-COVERED COPPER GROUNDING CONDUCTOR

<p>APPLICATION: As a grounding grid conductor for use in power distribution systems where a lead sheath is required over the copper conductor to provide additional protection against corrosion.</p> <p>STANDARDS:</p> <ol style="list-style-type: none"> 1. Conforms to ASTM B-8 for Concentric-lay Stranded Copper Conductors. 2. Conforms to ASTM B-29 for PIG LEAD. <p>CONSTRUCTION: Annealed uncoated Class B stranded copper conductor with lead sheath.</p>		 <p>The diagram shows a cross-section of the conductor. A central copper conductor, composed of multiple strands, is surrounded by a thick, uniform lead sheath. Arrows point from the labels 'Lead Sheath' and 'Copper Conductor' to their respective parts in the diagram.</p>		
Size AWG or kcmil	No. of Strands	Lead Sheath Thickness in Mils	Nominal Diameter Inches	Approx. Net. Wt. Lb./1000 Ft.
4	7	45	.330	390
2	7	45	.380	520
1/0	19	45	.470	685
2/0	19	65	.550	955
3/0	19	65	.610	1110
4/0	19	65	.670	1290
250	37	65	.715	1440
300	37	65	.770	1685
350	37	65	.820	1890
400	37	65	.870	2145
500	37	65	.955	2675

Specification

Rome Lead-Covered Copper Grounding Conductor

1. SCOPE

- 1.1 This specification describes a uncoated soft copper conductor, sheathed with lead for use as a grounding conductor in corrosive locations.

2. STANDARDS

- 2.1 The following standards shall form a part of this specification to the extent specified herein:
 - 2.1.1 American Society for Testing & Materials, ASTM B-8, Concentric-lay Copper Conductors.
 - 2.1.2 American Society for Testing & Materials, ASTM B-29, Pig Lead.

3. CONDUCTORS

- 3.1 The conductor shall be uncoated annealed copper, meeting the requirements of the reference ASTM standard for Class B stranded conductors.

4. COVERINGS

- 4.1 The copper conductor shall be covered by an extruded layer of pig lead, meeting the requirements of the ASTM standard.
- 4.2 The lead sheath thickness shall be 45 mils for sizes through 1/0 AWG and 65 mils for larger sizes.