


ROME COPPER WEATHERPROOF LINE WIRE POLYETHYLENE OR XLP COVERED

<p>APPLICATION: For use on insulators for overhead circuits. STANDARDS: Polyethylene and Rome-XLP covered conductor conforms to ANSI/ICEA S-70-547. CONSTRUCTION: Solid or stranded copper conductor, extruded covering.</p>		 <p style="text-align: center;">Insulation ↓</p> <p style="text-align: right;">← Conductor</p>					
Size AWG or kcmil	No. of Strands	POLYETHYLENE WEATHERPROOF			ROME-XLP WEATHERPROOF		
		Cover Thickness Mils	Nominal Diam. Inches	Approx. Net Wt. Lb./1000 Ft.	Cover Thickness Mils	Nominal Diam. Inches	Approx. Net Wt. Lb./1000 Ft.
10	Solid	30	.16	36	30	.16	37
9	Solid	30	.17	45	30	.17	46
8	Solid	30	.19	56	30	.19	57
6	Solid	30	.22	87	30	.22	88
4	Solid	30	.26	135	30	.26	135
2	Solid	45	.35	220	45	.35	220
4	7	30	.29	140	30	.29	145
2	7	45	.38	230	45	.38	235
1	7	45	.42	285	45	.42	290
1/0	7	60	.49	365	60	.49	375
2/0	7	60	.53	455	60	.53	465
3/0	7	60	.58	570	60	.58	580
4/0	7	60	.64	715	60	.64	725
250	19	60	.70	830	60	.70	840
300	19	60	.75	985	60	.75	1005
350	19	60	.80	1155	60	.80	1165
400	19	80	.88	1330	80	.88	1345
450	37	80	.93	1485	80	.93	1500
500	37	80	.97	1640	80	.97	1660
600	37	80	1.05	1965	80	1.05	1980
700	61	80	1.12	2275	80	1.12	2295
750	61	80	1.16	2435	80	1.16	2455
800	61	80	1.19	2595	80	1.19	2615
900	61	80	1.25	2915	80	1.25	2935
1000	61	95	1.34	3260	95	1.34	3290

Rome Polyethylene Weatherproof is available in annealed, medium hard or hard drawn tempers.
 Rome-XLP Weatherproof is available in annealed or medium hard drawn tempers.

Information on this sheet subject to change without notice.

Specification

ROME COPPER WEATHERPROOF CONDUCTOR (LINE WIRE)

1. SCOPE

- 1.1 This specification describes solid or stranded copper in hard, medium hard or soft temper, covered with polyethylene or Rome-XLP for use on insulators for overhead power distribution circuits.

2. STANDARDS

- 2.1 American Society for Testing Materials, ASTM Specification B-1 for hard temper, B-2 for medium hard temper, and B-3 for soft annealed copper wire.
- 2.2 ANSI/ICEA Pub. No. S-70-547 Standard for Weather Resistant Polyolefin Covered Wire and Cable.

3. CONDUCTOR

- 3.1 Conductors shall be solid or stranded copper meeting the requirements of the ANSI/ICEA standard.
- 3.2 Conductors can be furnished in hard, medium hard or soft annealed tempers as designed in the ASTM standards.

4. COVERING

- 4.1 Polyethylene and crosslinked polyethylene shall meet the requirements of the ANSI/ICEA standard.
- 4.2 Covering thickness shall be specified in the ANSI/ICEA standard.

5. TESTS

- 5.1 Covered conductors shall be tested in accordance with the specified procedures of the ANSI/ICEA standard. Certified Test Reports may be furnished if requested prior to manufacture.

6. PACKAGING

- 6.1 Cable shall be packaged in accordance with standard commercial practice.