



APPLIANCE WIRING MATERIAL

Subj.758

Section 1

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Style 1331

Single conductor with extruded insulation

Rating 150 deg C, 600 Vac, Horizontal flame. Optional - 60 deg C or 80 deg C Oil, Gasoline Resistant.

Conductor 30 AWG - 4/0 AWG solid or stranded or Litz cable conductor consists of magnet wire, R/C (OBMW2), rated a minimum of 150 deg C. Each single magnet wire strand is cabled together with the other magnet wire strands to form a conductor. AWG size to be determined by DC Resistance Test.

Insulation Extruded FEP.

<u>Conductor size</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>
30-10 AWG	20 mils	18 mils
8-2 AWG	30 mils	27 mils
1-4/0 AWG	45 mils	40 mils

Covering Optional - Extruded FEP, 2 mils minimum thickness, or glass braid, 7 mils minimum thickness.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal wiring of appliances. Wires employing Litz conductors shall be plainly marked on the tag or reel as follows: "Litz conductors are manufactured using solderable magnet wire".

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