



APPLIANCE WIRING MATERIAL

Subj.758

Section 3

Page 3289

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Style 3289

Single Conductor with Extruded Insulation

Rating 150 deg C, 600 Vac, 750 Vdc, Horizontal flame.

Conductor 30 AWG - 750 kcmil, solid or stranded. Recognized Component - Magnet Wire (OBMW2), rated 200 degrees C (ANSI Type MW35) may be used.

Insulation Extruded XLPE or XLPO.

<u>Conductor size</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>
30-9 AWG	30 mils	27 mils
8 AWG	45 mils	41 mils
7-2 AWG	60 mils	54 mils
1-4/0 AWG	80 mils	72 mils
250-500 kcmil	95 mils	86 mils
501-750 kcmil	110 mils	99 mils

Standard Appliance Wiring Material UL 758.

Marking General. Tags may indicate the following: 2500 V peak - For Electronic Use Only. Wires employing magnet wire shall be plainly marked on the tag: 1) "Magnet Wire Conductors Employed Special Care is required when terminating." 2) "Employs ANSI Type MW35 magnet wire rated 200 deg C."

Use For use as Motor Leads or Internal Wiring of Appliances.

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