



## APPLIANCE WIRING MATERIAL

Subj.758

Section 3

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Issued:2000-05-19

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Style 3644

Single Conductor with Extruded Insulation

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**Rating** 150 or 200 deg C, 1000 Vac, Horizontal flame.

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**Conductor** 30 AWG - 1000 kcmil, solid or stranded.

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**Insulation** Extruded SR.

<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	40 mils
7-2 AWG	60 mils	54 mils
1-4/0 AWG	80 mils	72 mils
250-500 kcmil	95 mils	85 mils
501-1000 kcmil	110 mils	99 mils

Maybe applied in two layers with an intermediate glass braid (optional).

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**Standard** Appliance Wiring Material UL 758.

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**Marking** General.

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**Use** Internal Wiring of Appliances where totally enclosed.

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