



## APPLIANCE WIRING MATERIAL

Subj.758

Section 5

Page 5128

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Style 5128

Single or Multiple conductor with other-than-extruded insulation..

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**Rating** 450 deg C, 300 Vac, Horizontal flame.

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**Conductor** 24 AWG - 4 AWG, solid or stranded.

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**Insulation** Non-extruded Mica tape (see below), or Mica composite (see facing page).

| <u>Conductor<br/>AWG size</u> | <u>Min Avg. wall of<br/>Mica tape (mils)</u> | <u>Min Avg. thickness of Glass braid treated<br/>with Silicone Varnish or TFE Finish (mils)</u> |
|-------------------------------|--|---|
| 24 - 12                       | 15   | 7   |
| 11 - 4                        | 20   | 15  |

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**Shield** Optional. Stainless steel, alloy 304, applied as a braid over the treated glass braid.

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**Assembly** Optional, two or more conductors described above, may be cabled together with a max O.D. of 1.500 inches. A Mica glass binder and/or fiberglass fillers may be employed. The assembly may have an overall treated glass braid.

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**Standard** Appliance Wiring Material UL 758.

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**Marking** General.

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**Use** Internal Wiring of high-temperature equipment where not subjected to repeated flexing and protected from mechanical abuse. (The acceptability, including current-carrying capacity, has been determined by Underwriters Laboratories Inc.).

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