



## APPLIANCE WIRING MATERIAL

Subj.758

Section 5

Page 5107

Issued:1972-02-03

Revised:2014-05-20

Style 5107

Single or Multiple conductor with other-than-extruded insulation

---

**Rating** 200 or 450 deg C, 600 Vac, Horizontal flame.

---

**Conductor** 26 AWG - 550 kcmil. Solid or stranded for sizes 26 - 8 AWG; Stranded only for larger sizes than 8 AWG.

---

**Insulation** Mica tape with braid, or Mica composite (see Facing Page) with braid.

<u>Conductor size</u>	<u>Min average thickness of Mica tape</u>	<u>Min average thickness of Glass Braid Treated with Silicone Varnish or TFE Finish</u>
26 - 12 AWG	25 mils	7 mils
11 - 4 AWG	30 mils	15 mils
3 - 4/0 AWG	35 mils	20 mils
250 - 550 kcmil	40 mils	20 mils

---

**Assembly** Optional, two or more insulated conductors, may be cabled together with a max O.D. of 1.500 inches. A mica glass binder and/or fiberglass fillers may be employed.

---

**Shield** Optional, 36 - 30 AWG strands.

---

**Covering** Optional, over assembly, treated glass braid.

---

**Standard** Appliance Wiring Material UL 758.

---

**Marking** General.

---

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

---

UL and the UL Logo are trademarks of UL LLC © 2017