

UNDERWRITERS LABORATORIES

APPLIANCE WIRING MATERIAL

Subj.758

Section 5

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Style 5107

Lead Wire.

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.

Conductor size	Min average thickness of Mica tape	Min average thickness of Glass Braid Treated with Silicone Varnish or TFE Finish
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 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.

Shield Optional. 36 - 30 AWG strands.

Braid 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.