

UNDERWRITERS LABORATORIES

APPLIANCE WIRING MATERIAL

Subj.758

Section 1

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Style 1032

Insulated Wire.

Rating 90 deg C, 1000 Vac, 1200 Vdc, Horizontal flame, Oil Resistant 60 deg C or 80 deg C (optional).

Conductor 30 AWG - 2000 kcmil Solid or Stranded Round, tinned or bare copper.

Insulation PVC

30-9 AWG conductor size	30 mils min average	27 mils minimum at any point
8-7 AWG	45 avg	40 min
6-2 AWG	60 avg	54 min
1-4/0 AWG	80 avg	72 min
250-500 kcmil	95 avg	86 min
550-1000 kcmil	110 avg	99 min
1100-2000 kcmil	125 avg	112 min

Shield Optional.

Covering Optional. PVC, 5 mils minimum at any point, 40 mils maximum.

Braid Optional.

Jacket Optional. PVC, 30 mils min average, 23 mils minimum at any point.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Internal Wiring of Appliances; or where exposed to oil at a temperature not exceeding 60 deg. C or 80 deg. C (whichever is applicable). Tags may also indicate the following: 3500 V peak - for electronic use only.