



# Style 10107 - APPLIANCE WIRING MATERIAL

## APPLIANCE WIRING MATERIAL

Subj.758  
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Issued: 1991-09-11  
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Style 10107                      Single-conductor cable using non-integral jacket

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**RATING**                      80, 90, or 105 deg C, 600 Vac, FT2 flame.

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**INSULATED CONDUCTOR**                      30 AWG - 750 kcmil, solid or stranded. Labeled or complying with the manufacturer's AWM procedure. Extruded PVC insulation.

Conductor size	Minimum average insulation thickness	Minimum insulation thickness at any point
30-16 AWG	20 mils	18 mils
14-10 AWG	32 mils	28 mils
8-4 AWG	46 mils	40 mils
2-3/0 AWG	56 mils	50 mils
4/0 AWG-300 kcmil	70 mils	62 mils
350-500 kcmil	86 mils	76 mils
500-750 kcmil	110 mils	99 mils

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**SHIELD**                      Optional.

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**JACKET**                      Extruded PVC.

**Diameter of core assembly                      Minimum average                      Minimum thickness at any**

Under jacket core assembly diameter	Minimum average thickness	Minimum thickness at any point
0.425 inch or less	45 mils	36 mils
0.426-0.700 inch	60 mils	48 mils
0.701-1.500 inch	80 mils	64 mils

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**STANDARD** Appliance Wiring Material UL 758.

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**MARKING** General.

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**USE** Internal wiring or external interconnection of electronic equipment.

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