



## APPLIANCE WIRING MATERIAL

Subj.758      Section 1      Page 10005

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Style 10005      Single conductor with other-than-extruded jacket  
or non-integral jacket.

**Rating**                      80 deg C, 30 Vac, Horizontal flame.

**Conductor**                      50 AWG minimum, solid or stranded.

**Insulation**                      Inner layer: Extruded PTFE, extruded PFA,  
extruded FEP, extruded foamed PE, extruded PE,  
extruded XLPTFE, extruded XLPFA, extruded XLFEP,  
extruded foamed XLPE or extruded XLPE, 2 mils  
minimum thickness at any point; or foamed PTFE  
tape wrap, one or more layers, overall insulation  
thickness 2 mils minimum at any point. Outer  
layer: (Optional) Polyester tape, overall  
thickness 0.2 mils minimum thickness at any point  
and heat sealed.

**Shield**                              Optional.

**Jacket**                              Inner jacket - Spirally wrapped, two or more  
layers of polyester, ETFE, PTFE, foamed PTFE, or  
composite tape, and heat sealed, overall  
thickness minimum 0.2 mils at any point, or  
extruded PFA, extruded FEP, or extruded PVDF, 1  
mil minimum at any point.

**Shield**                              Optional.

**Jacket**                              Optional, outer jacket, same as inner jacket.

**Standard**                              Appliance Wiring Material UL 758.

**Marking**                              General.



**Use**

Internal wiring.

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