



APPLIANCE WIRING MATERIAL

Subj.758

Section 3

Page 3099

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Revised:2012-07-11

Style 3099

Single Conductor with Extruded Insulation.

<b>Rating</b>	150 deg C, 300 Vac, Horizontal flame.
<b>Conductor</b>	20 - 16 AWG, stranded, tinned copper, nickel coated copper, or silver coated copper. Strands shall consist of 40 AWG or larger.
<b>Insulation</b>	Extruded SR, nominal 1/32 inch (not a requirement), 30 mils minimum average, 27 mils minimum at any point.
<b>Standard</b>	Appliance Wiring Material UL 758.
<b>Marking</b>	General.
<b>Use</b>	Mercury switch leads, where protected against mechanical abuse.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 3            Page 3132

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Style 3132            Single conductor with extruded insulation

- Rating**                    150 deg C, 300 Vac, Horizontal flame.
- Conductor**                30 AWG - 4/0 AWG, solid or stranded.
- Insulation**                Extruded SR, 15 mils minimum average thickness,  
13 mils minimum thickness at any point.
- Covering**                    Optional. Same as SF-1.
- Standard**                    Appliance Wiring Material UL 758.
- Marking**                    General.
- Use**                            Internal wiring where totally enclosed.

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APPLIANCE WIRING MATERIAL

Subj.758

Section 3

Page 3123

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Style 3123

Single conductor with extruded insulation.

**Rating** 150 deg C, 600 Vac, Horizontal flame.

**Conductor** 30 AWG - 16 AWG, stranded.

**Insulation** Extruded SR, 30 mils min average, 27 mils minimum at any point.

**Standard** Appliance Wiring Material UL 758.

**Marking** General.

**Use** Internal wiring where protected against mechanical abuse. Mercury switch leads.

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APPLIANCE WIRING MATERIAL

Subj.758

Section 3

Page 3133

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Style 3133

Single conductor with extruded insulation.

<b>Rating</b>	150 deg C, 600 Vac, Horizontal flame.
<b>Conductor</b>	30 AWG - 4/0 AWG, solid or stranded.
<b>Insulation</b>	Extruded SR, 30 mils minimum average thickness, 27 mils minimum thickness at any point.
<b>Standard</b>	Appliance Wiring Material UL 758.
<b>Marking</b>	General.
<b>Use</b>	Internal Wiring where totally enclosed.

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APPLIANCE WIRING MATERIAL

Subj.758

Section 3

Page 3134

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Style 3134

Single conductor with extruded insulation.

<b>Rating</b>	150 deg C, 600 Vac, Horizontal flame.
<b>Conductor</b>	18 AWG - 12 AWG, solid or stranded of nickel or copper. All copper shall be tin, nickel or silver coated.
<b>Insulation</b>	Silicone Rubber, nominal 1/32 inch (not a requirement), 30 mils min average, 27 mils minimum at any point.
<b>Standard</b>	Appliance Wiring Material UL 758.
<b>Marking</b>	General.
<b>Use</b>	Internal wiring of appliances where totally enclosed.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 3            Page 3137

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Style 3137            Single Conductor with Extruded Insulation

<b>Rating</b>	150 deg C, 600 Vac, Horizontal flame.
<b>Conductor</b>	26 AWG - 20 AWG, solid or stranded. All copper shall be coated.
<b>Insulation</b>	Extruded SR, 45 mils minimum average thickness, 40 mils minimum thickness at any point.
<b>Standard</b>	Appliance Wiring Material UL 758.
<b>Marking</b>	General.
<b>Use</b>	Internal wiring of appliances where totally enclosed.

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APPLIANCE WIRING MATERIAL

Subj.758

Section 3

Page 3138

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Style 3138

Single Conductor with Extruded Insulation

<b>Rating</b>	150 deg C, 600 Vac, Horizontal flame.
<b>Conductor</b>	18 AWG - 9 AWG solid or stranded. All copper shall be tin, nickel or silver coated.
<b>Insulation</b>	Extruded SR - SILICONE, 45 mils minimum average thickness, 40 mils minimum thickness at any point.
<b>Standard</b>	Appliance Wiring Material UL 758.
<b>Marking</b>	General.
<b>Use</b>	Internal wiring of appliances where totally enclosed.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 3            Page 3529

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Style 3529            Single Conductor with Extruded Insulation

**Rating**                    150 deg C, 600 Vac, Horizontal flame.

**Conductor**                26 AWG - 750 kcmil, solid or stranded.

**Insulation**                Silicone Rubber.

<u>Conductor size</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>
26-11 AWG	30 mils	27 mils
10-9 AWG	45 mils	40 mils
8-2 AWG	60 mils	54 mils
1-4/0 AWG	80 mils	72 mils
250-500 kcmil	95 mils	85 mils
501-750 kcmil	110 mils	99 mils

**Standard**                    Appliance Wiring Material UL 758.

**Marking**                    General.

**Use**                            Internal wiring of appliances where totally enclosed.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 3            Page 3536

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Style 3536            Single conductor with extruded insulation.

**Rating**                    150 deg C, 600 Vac, Horizontal flame.

**Conductor**                0.5 - 250 sq mm, solid or stranded.

**Insulation**                Extruded Silicone rubber

<u>Conductor size (sq mm)</u>	<u>mils min average</u>	<u>mils min at any point</u>
0.5-4.0	30	27
4.1-9.0	45	40
9.1-35.0	60	54
35.1-100.0	80	76
100.1-250.0	95	85

May be applied in two layers with an intermediate glass braid (optional).

**Standard**                    Appliance Wiring Material UL 758.

**Marking**                    General.

**Use**                            Internal Wiring of Appliances where totally enclosed.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 3            Page 3580

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Style 3580            Single conductor with extruded insulation.

**Rating**                    150 deg C, 1000 Vac, Horizontal flame.

**Conductor**                26 AWG - 500 kcmil, solid or stranded.

**Separator**                Optional. Polyester tape.

**Insulation**                Extruded SR.

<u>Conductor</u>	<u>Average thickness</u> <u>(mils)</u>	<u>Minimum thickness at any point</u> <u>(mils)</u>
26-9	45	40
8-2	60	54
1-4/0	80	72
250-500	95	86

**Standard**                    Appliance Wiring Material UL 758.

**Marking**                    General.

**Use**                            As Motor Leads or Internal Wiring of Appliances  
or Electronic Equipment where not subjected to  
mechanical abuse.

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