



APPLIANCE WIRING MATERIAL

Subj.758 Section 1 Page 10109

Issued:1991-10-07

Revised:2012-11-15

Style 10109 Single conductor with extruded insulation

**Rating** 150 or 200 deg C, 300 Vac, Horizontal flame.

**Conductor** 36 AWG - 4/0 AWG, solid or stranded.

**Insulation** Extruded ETFE.

<u>Conductor Size</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>
36-18 AWG	6.0 mils	5.0 mils
16-14 AWG	8.0 mils	7.0 mils
12-10 AWG	10.0 mils	9.0 mils
8-4 AWG	25.0 mils	21.0 mils
3-1 AWG	35.0 mils	31.0 mils
1/0-4/0 AWG	45.0 mils	40.0 mils

**Standard** Appliance Wiring Material UL 758.

**Marking** General.

**Use** Internal wiring of Appliances.

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Consigliato da:



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APPLIANCE WIRING MATERIAL

Subj.758 Section 1 Page 10969

Issued:2005-03-21

Revised:2011-09-30

Style 10969 Single conductor with extruded insulation

**Rating** 200 deg C, 300 Vac, Horizontal flame, Optional Oil Resistant 60 deg C.

**Conductor** 32 AWG - 10 AWG solid or stranded round.

**Insulation** FEP

<u>32-20 AWG conductor size</u>	<u>8 mils min average</u>	<u>7 mils min at any point</u>
19-10 AWG	13 mils min avg	12 mils min at any point

**Standard** Appliance Wiring Material UL 758.

**Marking** General.

**Use** Internal Wiring

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APPLIANCE WIRING MATERIAL

Subj.758            Section 1            Page 1900

Issued:1983-07-11

Revised:2016-01-20

Style 1900            Single conductor with extruded insulation.

<b>Rating</b>	200 deg C, 300 Vac.
<b>Conductor</b>	30 AWG - 10 AWG, solid or stranded, silver plated, or nickel coated copper conductor or nickel conductor or tinned copper (tinned copper strands minimum 15 mils diameter); or nickel or nickel chrome alloy resistance conductor; or nickel-copper-iron alloy.
<b>Insulation</b>	Extruded FEP, 10 mils minimum average thickness, 9 mils minimum thickness at any point.
<b>Standard</b>	Appliance Wiring Material UL 758.
<b>Marking</b>	General.
<b>Use</b>	For further processing into cables.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 1            Page 1332

Issued:1963-02-04

Revised:2012-10-17

Style 1332            Single Conductor with Covering

- Rating**                    200 deg C, 300 Vac, Horizontal flame, Oil Resistant 80 deg C (optional), Gasoline Resistant (opt)
- Conductor**                30 AWG - 10 AWG solid or stranded round.
- Insulation**                Extruded FEP, 13 mils min average, 12 mils minimum at any point.
- Covering**                    (Optional) Extruded FEP, 2 mils or heavier or glass braid 7 mils or heavier.
- Standard**                    Appliance Wiring Material UL 758.
- Marking**                    General.
- Use**                            Internal wiring of appliances. In addition, the tag may also indicate the following: Suitable for immersion in gasoline; gasoline vapor; 80 deg. C in oil; and or 600 volts peak for electronic use only.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 1            Page 10086

Issued:1990-12-05

Revised:2012-03-09

Style 10086            Single conductor with extruded insulation.

**Rating**                    150 or 200 deg C, 600 Vac, Horizontal flame.

**Conductor**                36 AWG - 4/0 AWG, solid or stranded.

**Insulation**                Extruded ETFE.

<u>AWG Size</u>	<u>Min. Average thickness mils</u>	<u>Min. thickness at any point mils</u>
36-14	10	9
12-10	15	13
8-4	25	22
3-1	35	31
1/0-4/0	45	40

**Standard**                    Appliance Wiring Material UL 758.

**Marking**                    General.

**Use**                            Internal wiring.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 1            Page 1901

Issued:1983-07-11

Revised:2014-05-20

Style 1901            Single conductor with extruded insulation

**Rating**                    200 deg C, 600 Vac.

**Conductor**                30 AWG - 4/0 AWG, solid or stranded.

**Insulation**                Extruded FEP

<u>Conductor size</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>
30 - 10 AWG	14 mils	13 mils
8 - 2 AWG	20 mils	18 mils
1 - 4/0 AWG	30 mils	27 mils

**Standard**                    Appliance Wiring Material UL 758.

**Marking**                    General.

**Use**                            For further processing in cables.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 1            Page 1330

Issued:1963-02-04  
Revised:2010-02-12

Style 1330            Insulated Wire.

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Rating                    200 deg C, 600 Vac, Horizontal flame, Optional  
Oil Resistant 80 deg C, Optional Gasoline  
Resistant.

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Conductor                30 AWG - 4/0 AWG, solid or stranded.

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Insulation                FEP.

Conductor size	Minimum average	Minimum at any point
30-10 AWG	20 mils	18 mils
9-2 AWG	30 mils	27 mils
1-4/0 AWG	45 mils	40 mils

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Covering                 Optional, FEP, 10 mils or heavier or glass braid  
7 mils or heavier.

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Standard                 Appliance Wiring Material UL 758.

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Marking                  General.

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Use                        Internal Wiring of Appliances. In addition, the  
tag may also indicate the following: Suitable  
for immersion in gasoline; gasoline vapor; and  
80 deg. C in oil.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 1            Page 1930

Issued:1984-08-14

Revised:2012-04-02

Style 1930            Single Conductor with Extruded Insulation

**Rating**            200 deg C, 600 Vac, Horizontal flame, Oil Resistant 80 deg C (optional), Gasoline Resistance (optional)

**Conductor**        30 AWG - 4/0 AWG solid or stranded round, nickel chrome alloy resistance conductor or in accordance with the Standard.

**Insulation**        Extruded PFA

<u>AWG Conductor Size</u>	<u>Minimum average thickness (mils)</u>	<u>Minimum thickness at any point (mils)</u>
30-10	20	18
8-2	30	27
1-4/0	45	40

**Standard**        Appliance Wiring Material UL 758.

**Marking**         General.

**Use**                Internal wiring of electronic equipment and appliances.

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APPLIANCE WIRING MATERIAL

Subj.758 Section 1 Page 10203

Issued:1994-03-18

Revised:2012-01-19

Style 10203 Single conductor with extruded insulation

**Rating** 150 or 200 deg C, 1000 Vac, Horizontal Flame, Optional - Oil Resistance 80 deg C , Gasoline Resistance

**Conductor** 30 AWG - 4/0 AWG, solid or stranded.

**Insulation** Extruded FEP.

<u>Conductor size</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>
30-10 AWG	20 mils	18 mils
8-2 AWG	30 mils	27 mils
1-4/0 AWG	45 mils	40 mils

**Covering** Optional - Extruded FEP, 2 mils or heavier.

**Standard** Appliance Wiring Material UL 758.

**Marking** General. The tag may also indicate the following: Suitable for immersion in gasoline; gasoline vapor; and 80 deg C in oil. Wires employing Litz conductors shall be plainly marked on the tag or reel as follows: "Litz conductors are manufactured using solderable magnet wire."

**Use** Internal wiring of appliances.

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APPLIANCE WIRING MATERIAL

Subj.758            Section 1            Page 10048

Issued:1989-02-06

Revised:2011-12-07

Style 10048            Single conductor with extruded insulation

- Rating**                    200 deg C, 1000 Vac, Horizontal flame.
- Conductor**                30 AWG - 10 AWG solid or stranded, silver, plated, tinned-plated or nickel coated copper, silver plated copper-clad steel, nickel or nickel chrome alloy resistance conductor.
- Insulation**                FEP, 25 mils min average, 22 mils minimum at any point.
- Standard**                 Appliance Wiring Material UL 758.
- Marking**                  General.
- Use**                        Internal wiring of Electronic Equipment.

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