

APPLIANCE WIR	ING MAIERIAL			
Subj.758	Section 1	Page 1	.827	Issued:1980-06-17 Revised:2011-10-04
Style 1827	Single Cond	uctor	with Extruded	Insulation.
Rating	150 deg	C, 125	Vac, Horizon	tal flame.
Conductor	32 AWG	- 10 AV	NG solid or st	randed round.
Insulation	n Extrude	d ETFE.		
	Conducto	or <u>N</u>	<u>linimum average</u>	<u>Minimum thickness at any</u>
	<u>32-20</u> AM	IG	5.5 mils	5 mils
	19-15 AW	IG	8 mils	7 mils
	14-10 AW	IG	13 mils	12 mils
Standard	Applian	ce Wiri	ng Material U	L 758.
Marking	General	•		

Use Internal wiring of electronic equipment where not subjected to mechanical abuse.

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## Consigliato da:







Subj.758	Section 1	Page 10125	5	Issued:1992-04-20
				Revised:2011-10-28
Style 10125	Single	conductor with	extruded	insulation

Rating 150 deg C, 300 Vac, Horizontal flame.

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

**Insulation** Extruded ETFE

AWG	Minimum average thickness	Minimum thickness at any point
size	<u>in mils</u>	<u>in mils</u>
36-18	6	5
16-14	8	7
12-10	10	9
8-4	25	21
3-1	35	31
1/0- 4/0	45	40

## Standard Appliance Wiring Material UL 758.

- Marking General.
- **Use** Internal wiring of Appliances.

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# Consigliato da:



SEVI KABEL



Subj.758 Section 1 Page 1828

Style 1828 Insulated Wire.

Rating 150 deg C, 300 Vac, Horizontal flame.

Conductor 32 AWG - 10 AWG solid or stranded round, tinned, plated or bare copper.

Insulation ETFE, 13 mils min average, 10 mils minimum at any point.

**Standard** Appliance Wiring Material UL 758.

Marking General.

Use Internal wiring of electronic equipment where not subjected to mechanical abuse.

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Consigliato da:







Subj.758 Section 1 Page 1643

Issued:1975-01-15 Revised:2011-10-26

Style 1643 Single conductor with extruded insulation.

Rating 150 deg C, 300 Vac, Horizontal flame.

Conductor 32 AWG - 4/0 AWG, solid or stranded, or Litz cable conductor consists of single strand MAGNET WIRE. Each single magnet wire strand is cabled together with the other magnet wire strands to form a conductor AWG size to be determined by the dc resistance test per UL1581.

**Insulation** Extruded ETFE

Conductor size	<u>Minimum average</u>	<u>Minimum thickness at</u>
<u>(AWG)</u>	<u>thickness (mils)</u>	<u>any point</u>
32 -10	13	12
8 - 2	20	18
1 - 4/0	30	27

**Standard** Appliance Wiring Material UL 758.

Marking General.

Use Internal Wiring. Tags may indicate the following: "600 Volts Peak For Electronic Use Only."

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Consigliato da:



SEVI KABEL



Subj.758 Section 1 Page 1333

Issued:1963-02-04 Revised:2011-09-01

Style 1333 Single conductor with extruded insulation

Rating 150 deg C, 300 Vac, Horizontal flame. Optional -80 deg C Oil, Gasoline Resistant.

30-10 AWG, solid or stranded, or Litz cable
magnet wire, as describled below. Litz cable
conductor consisists of single strand magnet
wire, R/C (OBMV2) magnet wire rated a minimum of
150 deg C. Each single magnet wire strand is a
conductor. AWG size to be determined by the DC
Resistance Test per 1581.

Insulation Extruded FEP, 13 mils minimum average thickness, 12 mils minimum thickness at any point.

Covering Optional - Extruded FEP, 10 mils minimum thickness at any point, or glass braid, 7 mils minimum thickness any point.

**Standard** Appliance Wiring Material UL 758.

Marking General. 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. In addition, the tag may also indicate 600 Volts Peak for electronic use only.

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Consigliato da:









Subj.758 Section 1 Page 10210 Issued:1994-05-09 Revised:2012-07-18 Style 10210 Single Conductor with Extruded Insulation.

- Rating 150 deg C, 600 Vac, Horizontal flame.
- Conductor 24 AWG 10 AWG consisting of 38-30 AWG stranding. Length of lay per requirements for Type ST Cord.
- **Insulation** Extruded ETFE

24-18 AWG conductor	<u>6 mils min</u>	<u>5 mils min at any</u>
size	<u>average</u>	<u>point</u>
16-14 AWG	8.0 avg	7.0 min
12-10 AWG	10.0 avg	9.0 min

- Standard Appliance Wiring Material UL 758.
- Marking General.
- **Use** Lead wire within Hermetically Sealed Motors.
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Consigliato da:







Subj.758	Section 1	Page	10126		Issued:1992-04-20
					Revised:2011-09-19
Style 10126	Single	conductor	with	extruded	insulation

Rating 150 deg C, 600 Vac, Horizontal flame.

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

**Insulation** Extruded ETFE

<u>36-14 AWG (</u>	conductor <u>10 mils</u>	<u>min 9 mils mini</u>	<u>mum at any</u>
siz	e <u>avera</u>	<u>je poi</u>	<u>.nt</u>
12-10	AWG 15 av	rg 13 r	min
8-4 2	AWG 25.0 a	vg 22 r	min
3-1 2	AWG 35 av	rg 31 r	min
1/0-4/0	DAWG 45 av	·g 40 r	min

- Standard Appliance Wiring Material UL 758.
- Marking General.
- **Use** Internal wiring of Appliances.

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### Consigliato da:







Subj.758 Section 1 Page 1644

Issued:1975-01-15 Revised:2013-01-23

Style 1644 Single conductor with extruded insulation.

Rating 150 deg C, 600 Vac, Horizontal flame.

Conductor 30 AWG - 4/0 AWG solid or stranded. Or Litz Cable conductor consists of single strand MAGNET WIRE, R/C (OBMW2). Each single magnet wire strand is cabled together with the other magnet wire strands to form a conductor AWG size to be determined by the dc resistance test per UL1581.

Insulation Extruded ETFE; 30-10 AWG, 20 mils minimum average thikness, 18 mils minimum thickness at any point; 8-2 AWG, 30 avg, 27 min; 1-4/0 AWG, 45 avg, 40 min.

**Standard** Appliance Wiring Material UL 758.

Marking General.

Use Internal wiring of electronic equipment. Tags may indicate the following: 2500 V Peak - For Electronic Use Only.

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Consigliato da:







Subj.758 Section 1 Page 1331

Issued:1963-02-04 Revised:2012-10-17

Style 1331 Single conductor with extruded insulation

- Rating 150 deg C, 600 Vac, Horizontal flame. Optional -60 deg C or 80 deg C Oil, Gasoline Resistant.
- Conductor 30 AWG 4/0 AWG solid or stranded or Litz cable conductor consists of magnet wire, R/C (OBMW2), rated a minimum of 150 deg C. Each single magnet wire strand is cabled together with the other magnet wire strands to form a conductor. AWG size to be determined by DC Resistance Test.
- **Insulation** Extruded FEP.

Conductor	<u>Minimum average</u>	<u>Minimum thickness at any</u>
size	thickness	<u>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 minimum thickness, or glass braid, 7 mils minimum thickness.
- **Standard** Appliance Wiring Material UL 758.

Marking General.

Use Internal wiring of appliances. Wires employing Litz conductors shall be plainly marked on the tag or reel as follows: "Litz conductors are manufactured using solderable magnet wire".

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Consigliato da:



SEVI KABEL



Subj.758	Section 1	Page 10358	Issued:1998-07-09
Stvle 10358	Single co	nductor with ex	Revised:2011-12-02 truded insulation
-			
Rating	150 de	eg C, 1000 Vac,	Horizontal flame.

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

**Insulation** Extruded ETFE

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

Standard Appliance Wiring Material UL 758.

Marking General.

**Use** Internal wiring.

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