

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

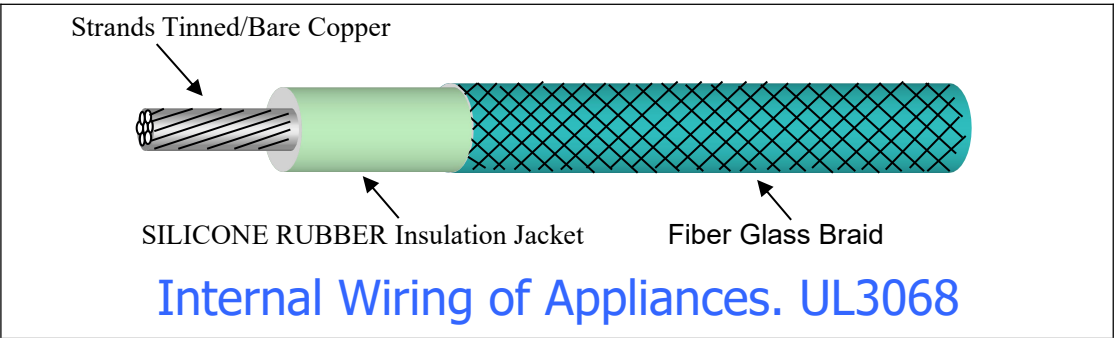
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3068	16	7/0. 49	14. 60	1. 50	0.40	0.33	2.60	±0.15
	16	50/0. 18	14. 60	1. 47	0.40	0.33	2.60	±0.15
	18	7/0. 39	23. 20	1. 19	0.40	0.33	2.30	±0.10
	18	30/0. 18	23. 20	1. 14	0.40	0.33	2.25	±0.10
	20	20/0. 18	36. 70	0. 92	0. 40	0. 33	2.00	±0.10
	20	21/0. 18	36. 70	0. 95	0. 40	0. 33	2.05	±0.10
	20	7/0. 30	36. 70	0. 92	0. 40	0. 33	2.00	±0.10
	22	7/0. 254	59. 40	0. 76	0. 40	0. 33	1.85	±0.10
	22	12/0. 18	59. 40	0. 72	0. 40	0. 33	1.85	±0.10
	24	7/0. 20	94. 20	0. 61	0. 40	0. 33	1.70	±0.10
	24	11/0. 16	94. 20	0. 61	0. 40	0. 33	1.70	±0.10
	24	1/0. 51	94. 20	0. 51	0. 40	0. 33	1.60	±0.10
	26	7/0. 16	150. 00	0. 48	0. 40	0. 33	1.60	±0.10
	28	7/0. 127	239. 00	0. 38	0.40	0.33	1.50	±0.10
	30	7/0. 10	381. 00	0. 30	0.40	0.33	1.40	±0.10

Fiber Glass Braid thickness(mm): 0.15mm

Marking: E211048 AWM STYLE 3068 NO.AWG 150℃ 300V SILICONE RUBBER
QIFURUI AWM I A 150℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
16~30AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

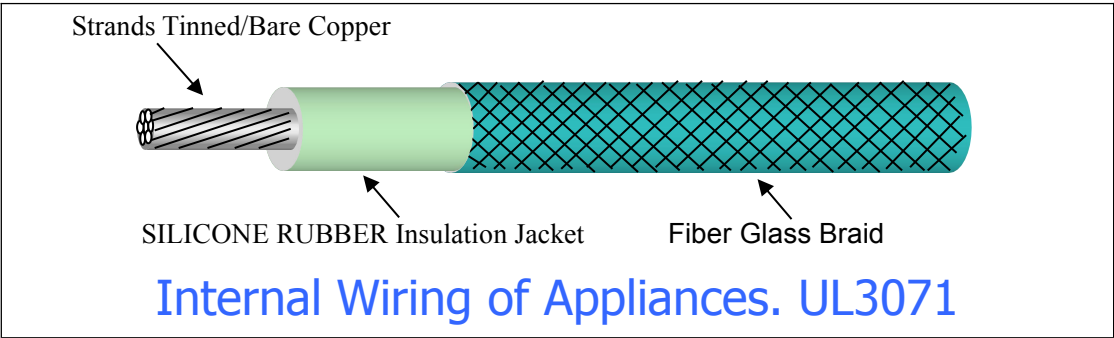
SHOULD BE USED:

Internal Wiring of Appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire
Rated temperature: 200℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3071	14	19/0.361	8.96	1.81	0.78	0.69	3.77	±0.15
		7/0.616	8.96	1.88	0.78	0.69	3.84	±0.15
		41/0.254	8.96	1.90	0.78	0.69	3.85	±0.15
	16	26/0.254	14.60	1.50	0.78	0.69	3.45	±0.15
		7/0.49	14.60	1.50	0.78	0.69	3.45	±0.15
		16/0.254	23.20	1.20	0.78	0.69	3.15	±0.15
	18	1/1.02	22.20	1.02	0.78	0.69	3.00	±0.15
		7/0.39	23.20	1.20	0.78	0.69	3.15	±0.15

Fiber Glass Braid thickness(mm): 0.20mm

Marking: E211048  AWM STYLE 3071 NO.AWG 200℃ 600V SILICONE RUBBER QIFURUI c  AWM I A 200℃ 600V FT2 -LF-
OR:E211048  AWM STYLE 3071 NO.AWG 200℃ 600V VW-1 SILICONE RUBBER QIFURUI c  AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				
16-14AWG	☐ 200Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18AWG	☐ 200Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

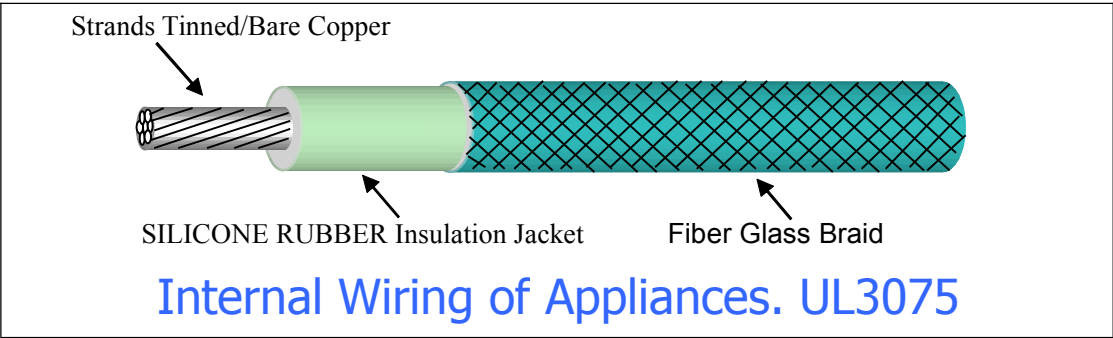
SHOULD BE USED:

Internal wiring

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire								
Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3075	10	105/0.254	3.54	3.05	1.14	1.02	5.63	±0.15
Fiber Glass Braid thickness(mm): 0.15mm								

Marking: E211048  AWM STYLE 3075 NO.AWG 200℃ 600V SILICONE RUBBER QIFURUI c. AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10AWG	☐ 250Ft	☒ 500Ft	☐ 1000Ft	☐ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

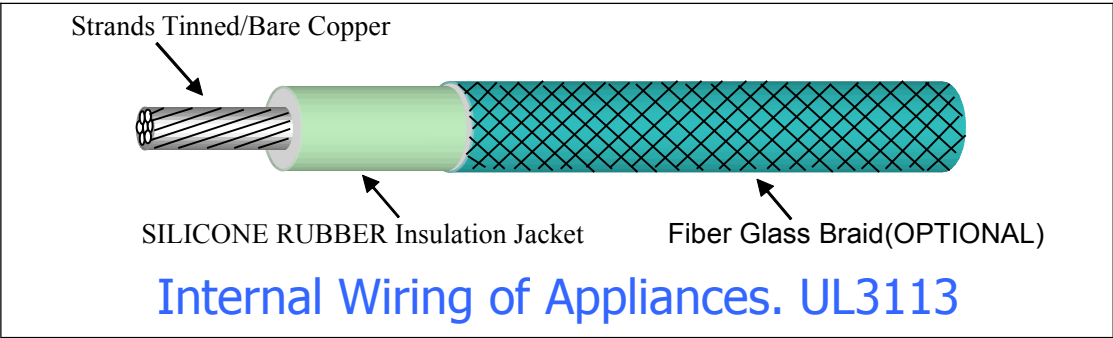
SHOULD BE USED:

Internal wiring where not subjected to movement or mechanical damage.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid(OPTIONAL)

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3113	18	16/0.254	23.20	1.17	1.52	1.37	4.51	±0.15
Fiber Glass Braid thickness(mm): 0.15mm								

Marking: E211048 3F AWM STYLE 3113 NO.AWG 150℃ 600V SILICONE RUBBER
3F cUL AWM I A150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				3F
18AWG	☐ 200Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

- 1.Physical performance
- a、 Good elasticity, softness

b、 Good adsorption ability

c、 Good heat resistance

d、 Good cold resistance

e、 Good weather

f、 Chemistry stability is good

j、 Good thermal performance

h、 Good flame retardancy
- 2.Electrical Properties
- a、 Electrical insulation good

b、 Has the very high resistivity
- 3.Processing properties
- a、 Use cold extrusion processing

b、 Or use the high temperature vulcanization process

c、 Good processing properties Harness

d、 Harness processing process good compatibility

e、 According to UL standard design
- 4.Environmental protection
- a、 ROHS/REACH compliant

b、 Inodorous Atoxic

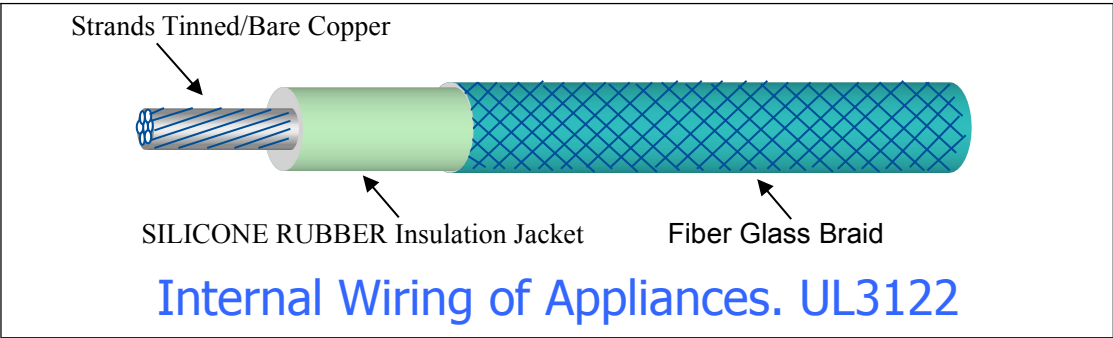
SHOULD BE USED:

Internal wiring

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire								
Rated temperature: 200℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3122	16	7/0. 49	14. 60	1. 50	0.40	0.33	2.60	±0.15
		19/0. 30	14. 60	1. 51	0.40	0.33	2.60	±0.15
		50/0. 18	14. 60	1. 50	0.40	0.33	2.60	±0.15
	18	1/1. 02	22. 2	1. 02	0.40	0.33	2.15	±0.10
		7/0. 39	23. 20	1. 05	0.40	0.33	2.30	±0.10
		34/0. 18	23. 20	1. 21	0.40	0.33	2.31	±0.10
		30/0. 18	23. 20	1. 20	0.40	0.33	2.25	±0.10
	20	1/0. 813	36. 70	0. 813	0.46	0.33	2.05	±0.10
		7/0. 30	36. 70	0.92	0.46	0.33	2.15	±0.10
		20/0. 18	36. 70	0. 92	0.46	0.33	2.15	±0.10
	22	12/0. 18	59. 40	0. 72	0.46	0.33	1.95	±0.10
		7/0. 254	59. 40	0. 77	0.46	0.33	2.00	±0.10
	24	11/0. 16	94. 20	0. 61	0.40	0.33	1.70	±0.10
		7/0. 20	94. 20	0. 61	0.40	0.33	1.70	±0.10
		1/0. 51	89. 30	0. 51	0.40	0.33	1.61	±0.10
	26	7/0. 16	150. 00	0. 48	0.40	0.33	1.60	±0.10
Fiber Glass Braid thickness(mm): 0.15mm								

Marking: E211048  AWM STYLE 3122 NO.AWG 200℃ 300V SILICONE RUBBER
QIFURUI c AWM I A 200℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				
16AWG	☐ 200Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18~26AWG	☐ 200Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

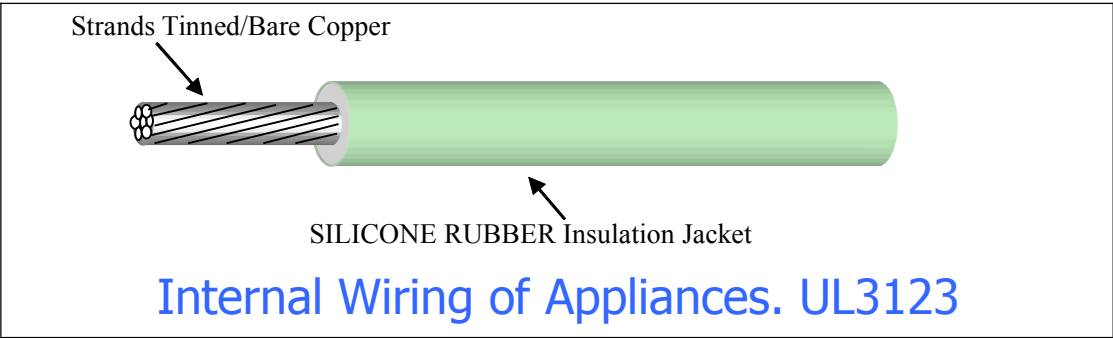
SHOULD BE USED:

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

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3123	16	7/0. 49	14. 60	1. 50	0.80	0.69	3.10	±0.15
	18	7/0. 39	23. 20	1. 19	0.80	0.69	2.80	±0.10
	20	7/0. 30	36. 70	0. 92	0.80	0.69	2.52	±0.10
	22	7/0. 254	59. 40	0. 76	0.80	0.69	2.36	±0.10
	24	7/0. 20	94. 20	0. 61	0.80	0.69	2.20	±0.10
	26	7/0. 16	150. 00	0. 48	0.80	0.69	2.10	±0.10
	28	7/0. 127	239. 00	0. 38	0.80	0.69	2.00	±0.10
	30	7/0. 10	381. 00	0. 30	0.80	0.69	1.90	±0.10

Marking: E211048 AWM STYLE 3123 NO.AWG 150℃ 600V SILICONE RUBBER
QIFURUI cUL AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
16AWG	☐ 200Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~30AWG	☐ 200Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

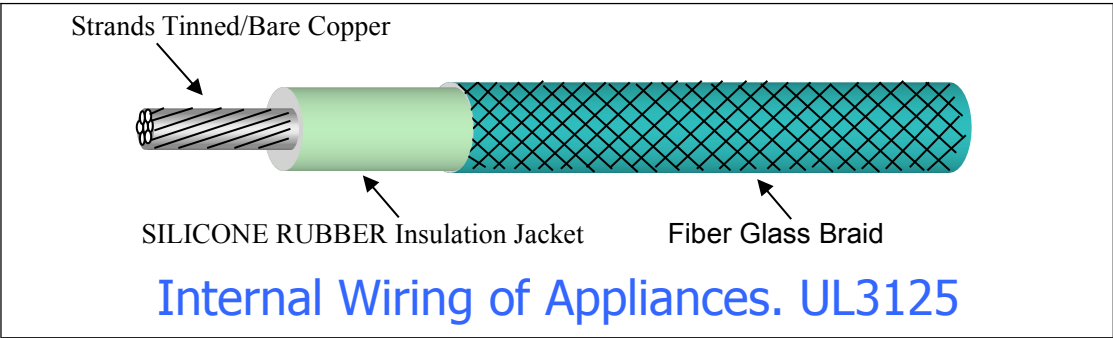
SHOULD BE USED:

Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire								
Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3125	2	7/37/0.404	0.8574	8.51	1.58	1.37	12.07	±0.20
	3	7/28/0.404	1.081	7.41	1.58	1.37	10.97	±0.20
	4	7/60/0.254	1.361	6.82	1.58	1.37	10.40	±0.20
	5	7/46/0.254	1.720	5.97	1.58	1.37	9.53	±0.20
	6	7/19/0.361	2.168	5.45	1.58	1.37	9.00	±0.20
	7	7/30/0.254	2.733	4.82	1.58	1.37	8.40	±0.20
	8	168/0.254	2.230	3.80	1.58	1.37	7.36	±0.20
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048 AWM STYLE 3125 NO.AWG 200℃ 600V SILICONE RUBBER
QIFURUI AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
2~4AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
5~6AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
7~8AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

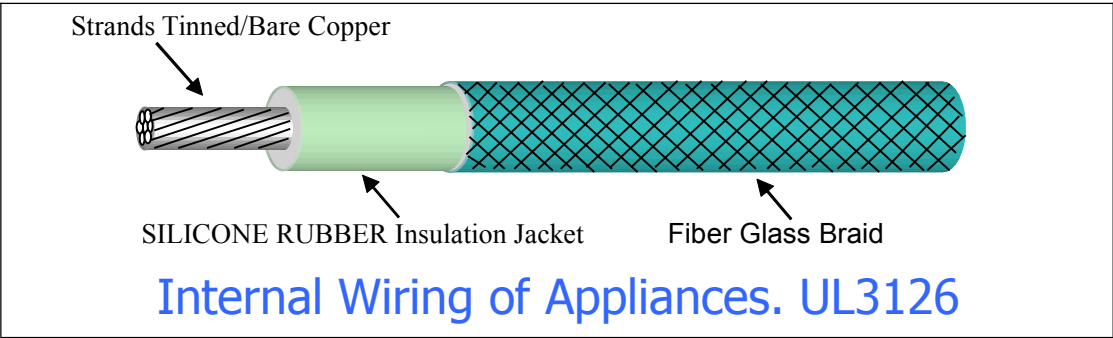
SHOULD BE USED:

Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire								
Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3126	4/0	19/44/0.404	0.172	15.49	2.0	1.85	19.89	±0.15
	3/0	19/35/0.40	0.219	13.67	2.0	1.85	18.10	±0.15
	2/0	19/28/0.40	0.277	12.22	2.0	1.85	16.62	±0.15
	1/0	19/22/0.40	0.349	10.83	2.0	1.85	15.23	±0.15
	01	37/9/0.40	0.440	9.70	2.0	1.85	14.10	±0.15
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048  AWM STYLE 3126 NO.AWG 200℃ 600V SILICONE RUBBER
QIFURUI  AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
4/0~1AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

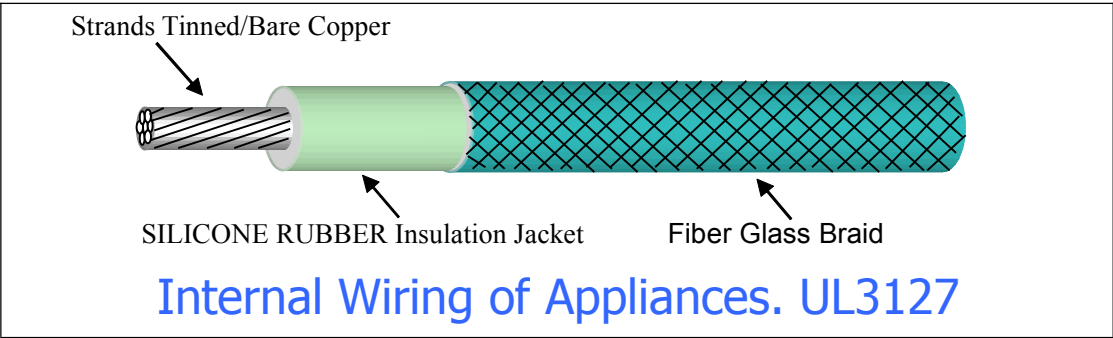
SHOULD BE USED:

Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3127	2	7/37/0.404	0.8574	8.51	1.58	1.37	12.07	±0.20
	3	7/28/0.404	1.081	7.41	1.58	1.37	10.97	±0.20
	4	7/60/0.254	1.361	6.82	1.58	1.37	10.40	±0.20
	5	7/46/0.254	1.720	5.97	1.58	1.37	9.53	±0.20
	6	7/19/0.361	2.168	5.45	1.58	1.37	9.00	±0.20
	7	7/30/0.254	2.733	4.82	1.58	1.37	8.40	±0.20
	8	168/0.254	2.230	3.80	1.58	1.37	7.36	±0.20
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048 3F AWM STYLE 3127 NO.AWG 150℃ 600V SILICONE RUBBER
3F cUL AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				3F
2~4AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft	
5~6AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft	
7~8AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

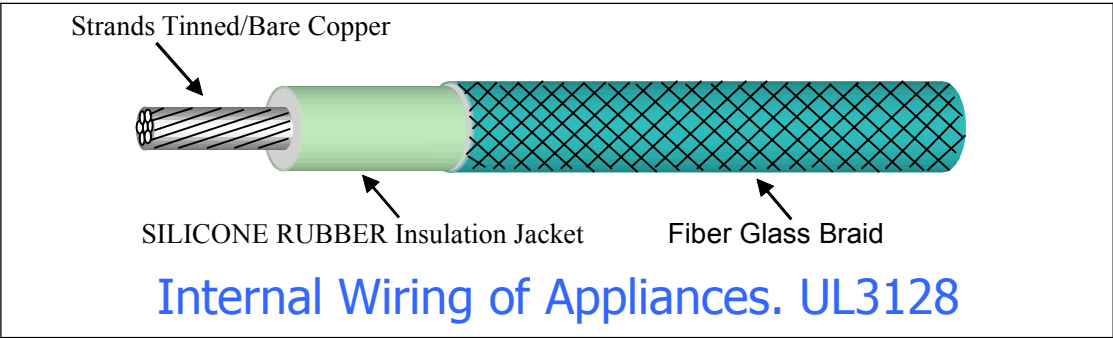
SHOULD BE USED:

Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3128	4/0	19/44/0.404	0.172	15.49	2.0	1.85	18.19	±0.15
	3/0	7/37/0.643	0.219	13.54	2.0	1.85	15.79	±0.15
	2/0	19/70/0.254	0.277	12.24	2.0	1.85	14.49	±0.15
	1/0	19/55/0.254	0.349	10.89	2.0	1.85	13.14	±0.15
	01	19/44/0.254	0.440	9.74	2.0	1.85	11.99	±0.15

Fiber Glass Braid thickness(mm): 0.20mm

Marking: E211048  AWM STYLE 3128 NO.AWG 150℃ 600V SILICONE RUBBER
3F  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
4/0~1AWG	☒ 250Ft	☐ 500Ft	☐ 1000Ft	☐ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

- 1.Physical performance
- a、 Good elasticity, softness

b、 Good adsorption ability

c、 Good heat resistance

d、 Good cold resistance

e、 Good weather

f、 Chemistry stability is good

j、 Good thermal performance

h、 Good flame retardancy
- 2.Electrical Properties
- a、 Electrical insulation good

b、 Has the very high resistivity
- 3.Processing properties
- a、 Use cold extrusion processing

b、 Or use the high temperature vulcanization process

c、 Good processing properties Harness

d、 Harness processing process good compatibility

e、 According to UL standard design
- 4.Environmental protection
- a、 ROHS/REACH compliant

b、 Inodorous Atoxic

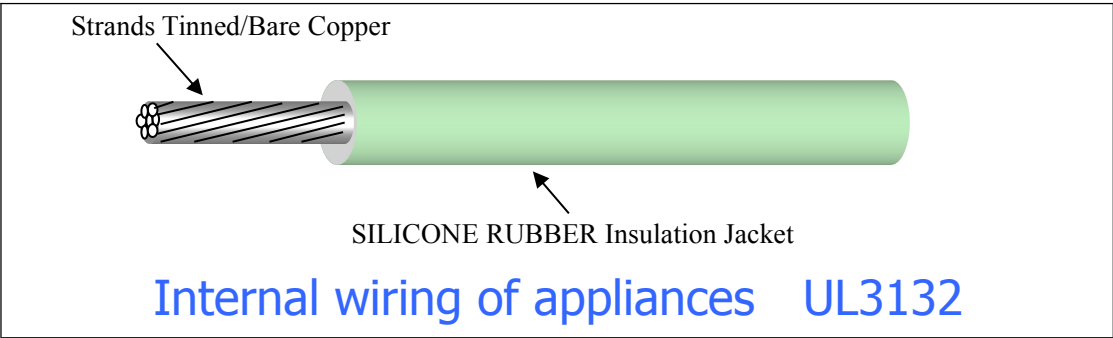
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3132	16	7/0. 49	14. 60	1. 50	0.40	0.33	2.30	±0.10
	18	7/0. 39	23. 20	1. 19	0.40	0.33	1.97	±0.10
	18	30/0. 18	23. 20	1. 14	0.40	0.33	1.94	±0.10
	18	41/0. 16	23. 20	1. 18	0.40	0.33	1.97	±0.10
	20	1/0. 813	36. 70	0. 813	0. 46	0. 33	1. 73	±0.10
	20	7/0. 30	36. 70	0. 92	0.46	0. 33	1.85	±0.10
	20	19/0. 19	36. 70	0. 95	0.46	0. 33	1.87	±0.10
	22	12/0. 18	59. 40	0. 72	0.46	0. 33	1.64	±0.10
	22	17/0. 16	59. 40	0. 76	0.46	0. 33	1.70	±0.10
	22	7/0. 254	59. 40	0. 76	0.46	0. 33	1.70	±0.10
	22	1/0. 65	56. 40	0. 65	0.46	0. 33	1.57	±0.10
	24	133/0. 05	94. 20	0. 67	0.40	0.33	1.47	±0.10
	24	19/0. 12	94. 20	0. 60	0. 40	0. 33	1.40	±0.10
	24	11/0. 16	94. 20	0. 61	0. 40	0. 33	1.41	±0.10
	24	7/0. 20	94. 20	0. 61	0. 40	0. 33	1.41	±0.10
	24	1/0. 51	89. 30	0. 51	0. 40	0. 33	1.31	±0.10
	26	19/0. 1	150. 00	0. 51	0. 40	0. 33	1.31	±0.10
	26	7/0. 16	150. 00	0. 48	0. 40	0. 33	1.28	±0.10
	26	1/0. 4	143. 00	0. 40	0. 40	0. 33	1.20	±0.10
	28	7/0. 127	239. 00	0. 38	0.40	0.33	1.18	±0.10
	30	7/0. 10	381. 00	0. 30	0.40	0.33	1.10	±0.10

Marking: E211048 AWM STYLE 3132 NO.AWG 150℃ 300V SILICONE RUBBER

QIFURUI AWM I A 150℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~30AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

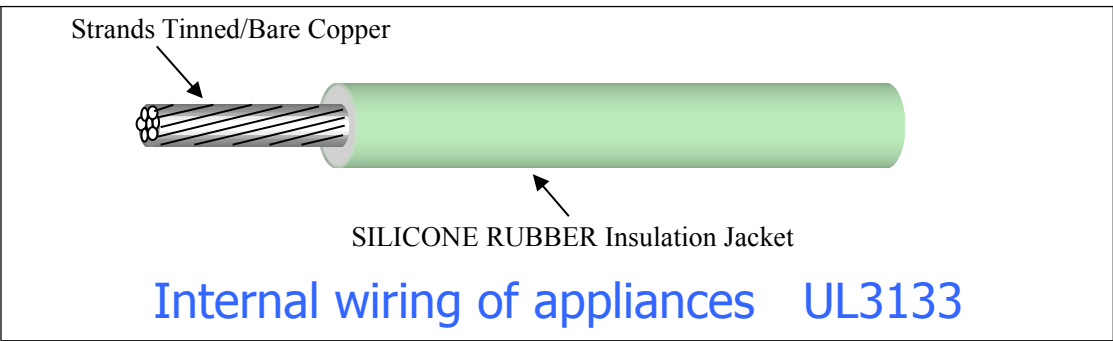
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3133	12	65/0. 254	5. 64	2. 36	0.78	0.69	3.95	±0.15
	14	41/0. 254	8. 96	1. 90	0.78	0.69	3.46	±0.15
	16	7/0. 49	14. 60	1. 50	0.78	0.69	3.06	±0.15
		50/0. 18	14. 60	1. 50	0.78	0.69	3.06	±0.15
	18	1/1. 02	23. 20	1. 02	0.78	0.69	2.60	±0.15
		41/0. 16	23. 2	1. 18	0.78	0.69	2.74	±0.15
		7/0. 39	23. 20	1. 19	0.78	0.69	2.75	±0.15
		30/0. 18	23. 20	1. 19	0.78	0.69	2.70	±0.15
	20	7/0. 30	36. 70	0. 92	0.78	0.69	2.48	±0.10
		21/0. 18	36. 70	0. 95	0.78	0.69	2.51	±0.10
	22	19/0. 15	59. 4	0. 76	0.78	0.69	2.32	±0.10
		7/0. 254	59. 40	0. 76	0.78	0.69	2.32	±0.10
	24	7/0. 20	94. 20	0. 61	0.78	0.69	2.15	±0.10
	26	7/0. 16	150. 00	0. 48	0.78	0.69	2.05	±0.10

Marking: E211048  AWM STYLE 3133 NO.AWG 150℃ 600V SILICONE RUBBER
QIFURUI  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

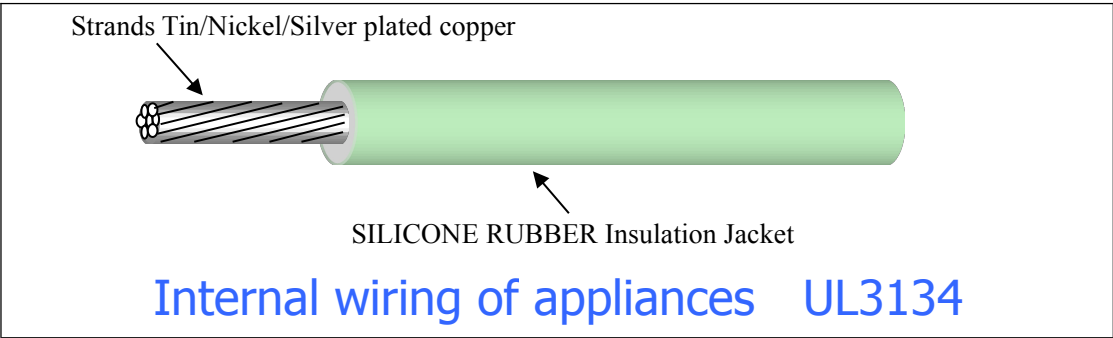
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tin/Nickel/Silver plated copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3134	12	19/0. 50	5. 64	2. 50	0.80	0.69	4.10	±0.15
	14	41/0. 254	8. 96	1. 88	0.80	0.69	3.50	±0.15
	16	7/0. 49	14. 60	1. 50	0.80	0.69	3.10	±0.15
	18	7/0. 39	23. 20	1. 19	0.80	0.69	2.75	±0.10

Marking: E211048 AWM STYLE 3134 NO.AWG 150℃ 600V SILICONE RUBBER
QIFURUI AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				3F
12-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance

- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

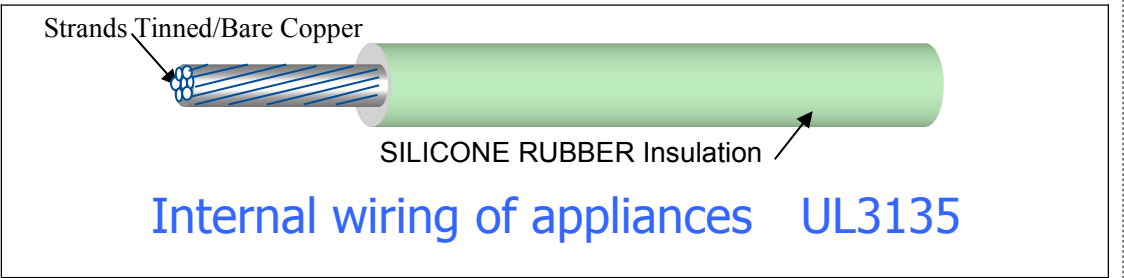
REFERENCE:

UL758-2010、 UL1581-2009

Outline

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				
12-16AWG	☐ 200Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18-26AWG	☐ 200Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire
Rated temperature: 200℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3135	12	65/0.254	5.64	2.36	0.80	0.69	3.95	±0.15
	13	52/0.254	7.10	2.12	0.80	0.69	3.68	±0.15
	13	37/0.3	7.10	2.11	0.80	0.69	3.67	±0.15
	14	41/0.254	8.96	1.90	0.80	0.69	3.46	±0.15
	14	1/1.63	8.78	1.63	0.80	0.69	3.20	±0.15
	14	7/0.616	8.96	1.90	0.80	0.69	3.46	±0.15
	14	7/60/0.08	8.96	2.15	0.80	0.69	3.71	±0.15
	16	7/0.49	14.60	1.50	0.80	0.69	3.06	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.06	±0.15
	16	50/0.18	14.60	1.50	0.80	0.69	3.06	±0.15
	16	54/0.18	14.60	1.52	0.80	0.69	3.08	±0.15
	16	1/1.29	14.60	1.29	0.80	0.69	2.85	±0.15
	18	1/1.02	23.20	1.02	0.80	0.69	2.60	±0.15
	18	41/0.16	23.20	1.18	0.80	0.69	2.74	±0.15
	18	7/0.39	23.20	1.19	0.80	0.69	2.75	±0.15
	18	30/0.18	23.20	1.19	0.80	0.69	2.75	±0.15
	18	34/0.18	23.20	1.21	0.80	0.69	2.77	±0.15
	18	16/0.254	23.20	1.17	0.80	0.69	2.75	±0.15
	20	7/0.30	36.70	0.92	0.80	0.69	2.48	±0.10
	20	1/0.813	35.20	0.813	0.80	0.69	2.37	±0.10
	20	21/0.18	36.70	0.95	0.80	0.69	2.51	±0.10
	22	7/0.254	59.40	0.76	0.80	0.69	2.32	±0.10
	22	1/0.65	56.40	0.65	0.80	0.69	2.21	±0.10
	24	11/0.16	94.20	0.61	0.80	0.69	2.15	±0.10
	24	7/0.20	94.20	0.61	0.80	0.69	2.15	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.05	±0.10

标志: E211048 AWM STYLE 3135 NO.AWG 200℃ 600V SILICONE RUBBER
QIFURUI AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

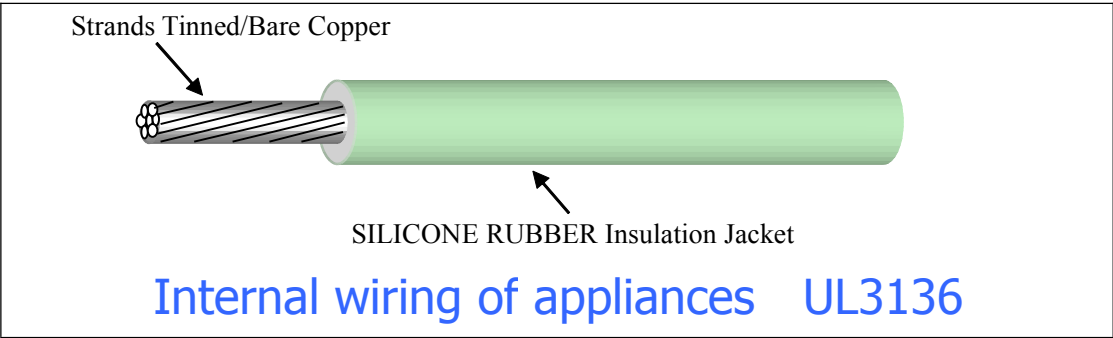
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3136	20	7/0. 30	36. 70	0. 92	1.15	1.02	3.22	±0.10
	22	7/0. 254	59. 40	0. 76	1.15	1.02	3.06	±0.10
	24	7/0. 20	94. 20	0. 61	1.15	1.02	2.91	±0.10
	26	7/0. 16	150. 00	0. 48	1.15	1.02	2.78	±0.10

Marking: E211048 AWM STYLE 3136 NO.AWG 150℃ 300V SILICONE RUBBER 3F AWM I A 150℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
20~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

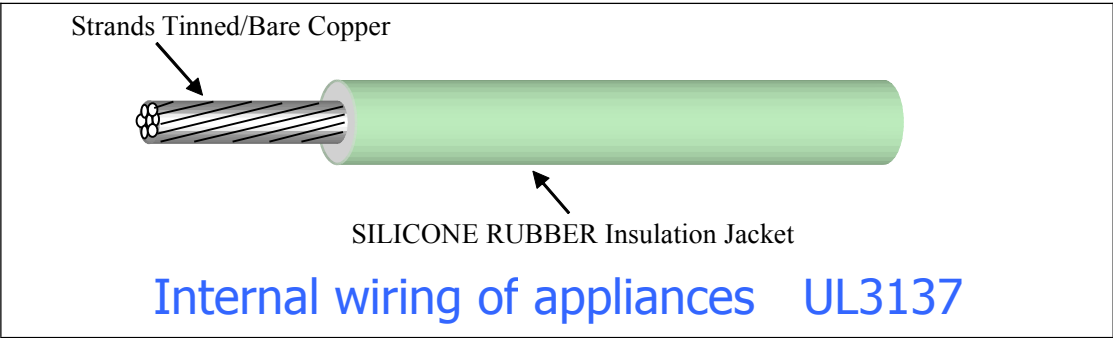
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3137	20	7/0. 30	36. 70	0. 92	1. 15	1. 02	3.22	±0.15
	22	7/0. 254	59. 40	0. 76	1. 15	1. 02	3.06	±0.15
	24	7/0. 20	94. 20	0. 60	1. 15	1. 02	2.90	±0.10
	26	7/0. 16	150. 00	0. 48	1. 15	1. 02	2.80	±0.10

Marking: E211048  AWM STYLE 3137 NO.AWG 150℃ 600V SILICONE RUBBER
3F  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
20~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

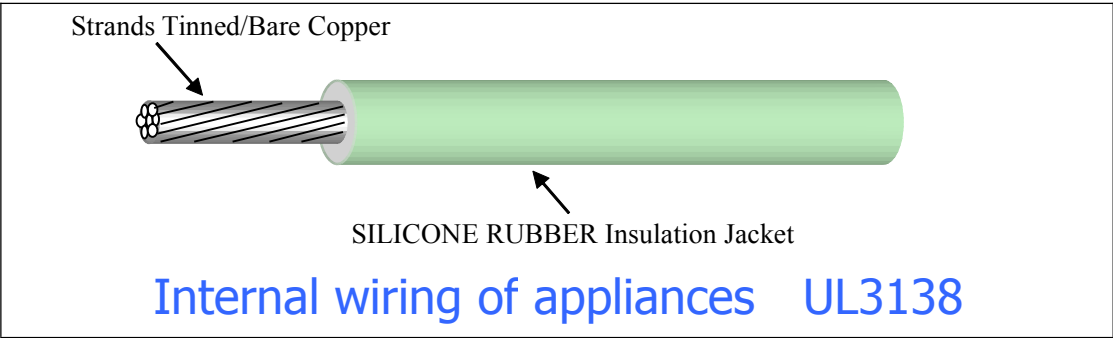
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3138	10	105/0. 254	3. 54	3. 00	1.15	1. 02	5.30	±0.15
	12	65/0. 254	5. 64	2. 36	1.15	1. 02	4.65	±0.15
	14	41/0. 254	8. 96	1. 90	1.15	1. 02	4.20	±0.15
	16	7/0. 49	14. 60	1. 50	1.15	1. 02	3.80	±0.15
	18	7/0. 39	23. 20	1. 19	1.15	1. 02	3.50	±0.15

Marking: E211048  AWM STYLE 3138 NO.AWG 150℃ 600V SILICONE RUBBER
3F  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

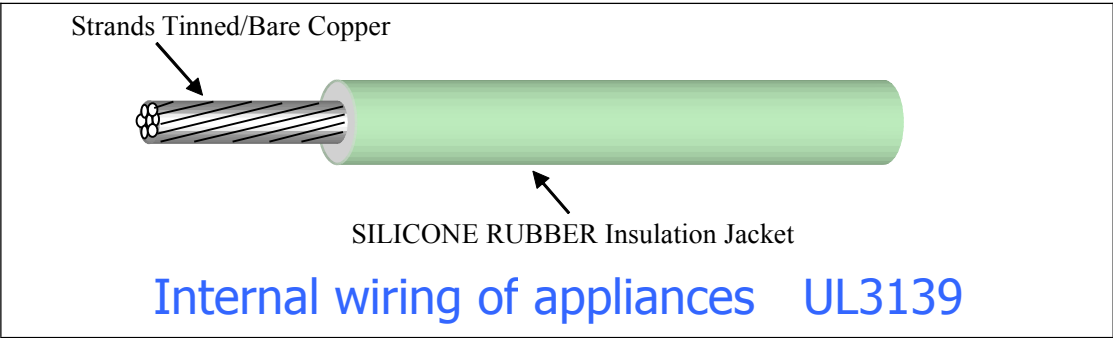
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire
Rated temperature: 200℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3139	12	65/0. 254	5. 64	2. 36	1.15	1.02	4.66	±0.15
	14	41/0. 254	8. 96	1. 90	1.15	1.02	4.20	±0.15
	16	7/0. 49	14. 60	1. 50	1.15	1.02	3.80	±0.15
	18	7/0. 39	23. 20	1. 19	1.15	1.02	3.50	±0.10
	20	7/0. 30	36. 70	0. 92	1.15	1.02	3.22	±0.10
	22	7/0. 254	59. 40	0. 76	1.15	1.02	3.06	±0.10
	24	7/0. 20	94. 20	0. 61	1.15	1.02	2.91	±0.10
	26	7/0. 16	150. 00	0. 48	1.15	1.02	2.78	±0.10

Marking: E211048 3F AWM STYLE 3139 NO.AWG 200℃ 600V SILICONE RUBBER
3F 3F AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

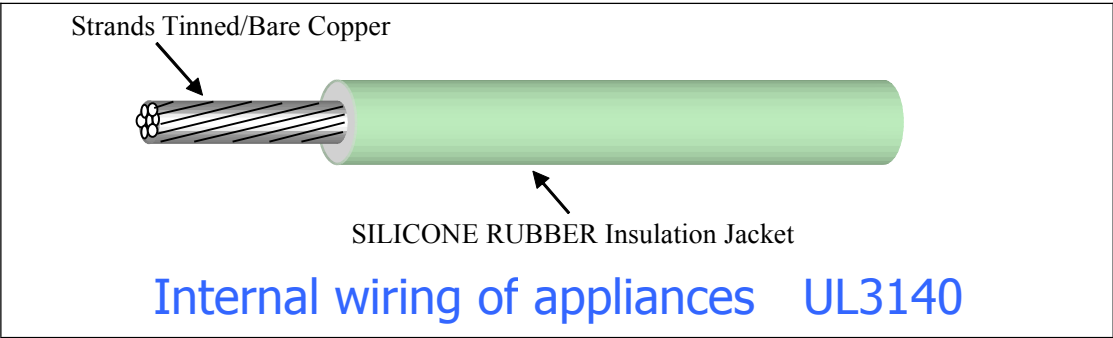
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 300V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3140	20	7/0. 30	36. 70	0. 92	1.58	1.40	4.08	±0.10
	22	7/0. 254	59. 40	0. 76	1.58	1.40	3.92	±0.10
	24	7/0. 20	94. 20	0. 61	1.58	1.40	3.77	±0.10
	26	7/0. 16	150. 00	0. 48	1.58	1.40	3.64	±0.10

Marking: E211048  AWM STYLE 3140 NO.AWG 150℃ 300V SILICONE RUBBER
3F  AWM I A 150℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
20~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

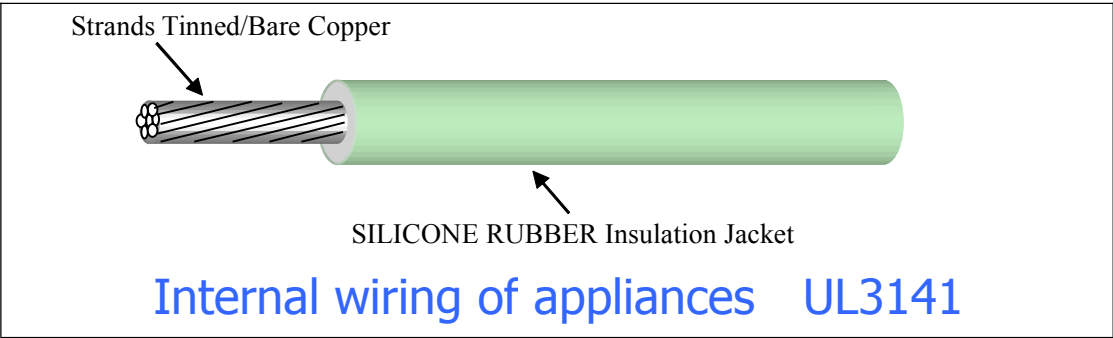
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3141	20	7/0. 30	36. 70	0. 92	1.58	1.40	4.08	±0.10
	22	7/0. 254	59. 40	0. 76	1.58	1.40	3.92	±0.10
	24	7/0. 20	94. 20	0. 61	1.58	1.40	3.77	±0.10
	26	7/0. 16	150. 00	0. 48	1.58	1.40	3.64	±0.10

Marking: E211048  AWM STYLE 3141 NO.AWG 150℃ 600V SILICONE RUBBER
3F  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
20~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

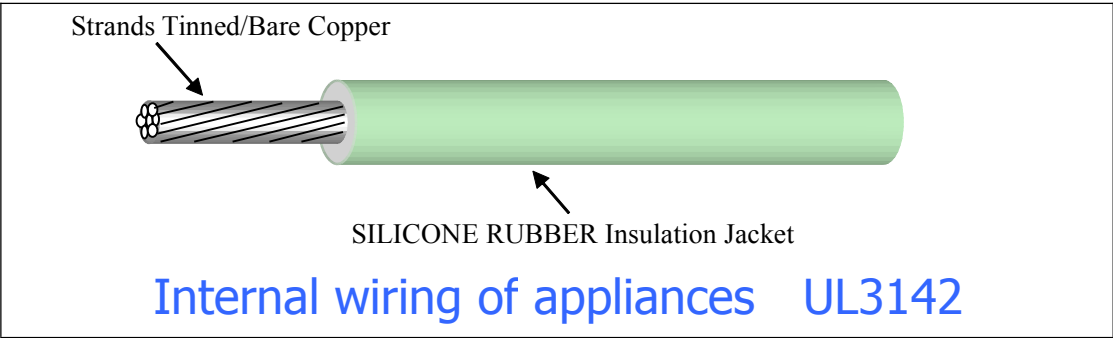
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3142	12	19/0. 50	5. 64	2. 50	1.58	1.40	5.66	±0.15
	14	41/0. 254	8. 96	1. 88	1.58	1.40	5.04	±0.15
	16	7/0. 49	14. 60	1. 50	1.58	1.40	4.66	±0.15
	18	7/0. 39	23. 20	1. 19	1.58	1.40	4.35	±0.10

Marking: E211048 3F AWM STYLE 3142 NO.AWG 150℃ 600V SILICONE RUBBER
3F cUL AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~18AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

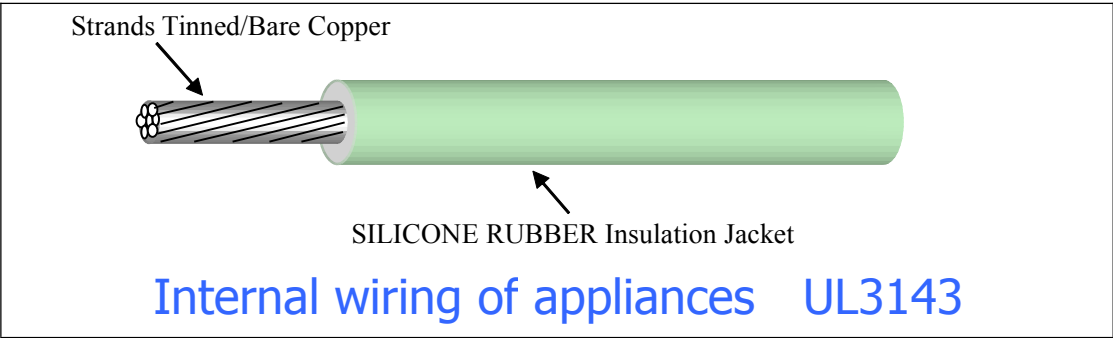
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire
Rated temperature: 200℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3143	12	19/0. 50	5. 64	2. 50	1.58	1.40	5.66	±0.15
	14	41/0. 254	8. 96	1. 88	1.58	1.40	5.04	±0.15
	16	7/0. 49	14. 60	1. 50	1.58	1.40	4.66	±0.15
	18	7/0. 39	23. 20	1. 19	1.58	1.40	4.35	±0.10

Marking: E211048 AWM STYLE 3143 NO.AWG 200℃ 600V SILICONE RUBBER
3F AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~18AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

SHOULD BE USED:

Internal Wiring of Electric Clothes Dryers where exposed to temperatures not exceeding 200 deg C or Internal Wiring of Appliances where exposed to temperatures not exceeding 200 deg C.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Strands Tinned/Bare Copper

SILICONE RUBBER Insulation Jacket

Fiber Glass Braid

Internal Wiring of Appliances or Electric Clothes Dryers. UL3144

Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3144	12	65/0. 254	5. 64	2. 36	1.15	1.02	5.06	±0.15
	14	41/0. 254	8. 96	1. 90	1.15	1.02	4.60	±0.15
	16	7/0. 49	14. 60	1. 50	1.15	1.02	4.10	±0.15
	18	7/0. 39	23. 20	1. 20	1.15	1.02	3.80	±0.10
	20	7/0. 30	36. 70	0. 92	1.15	1.02	3.52	±0.10
	22	7/0. 254	59. 40	0. 76	1.15	1.02	3.36	±0.10
	24	7/0. 20	94. 20	0. 60	1.15	1.02	3.20	±0.10
	26	7/0. 16	150. 00	0. 48	1.15	1.02	3.10	±0.10
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048 AWM STYLE 3144 NO.AWG 200℃ 600V SILICONE RUBBER 3F AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

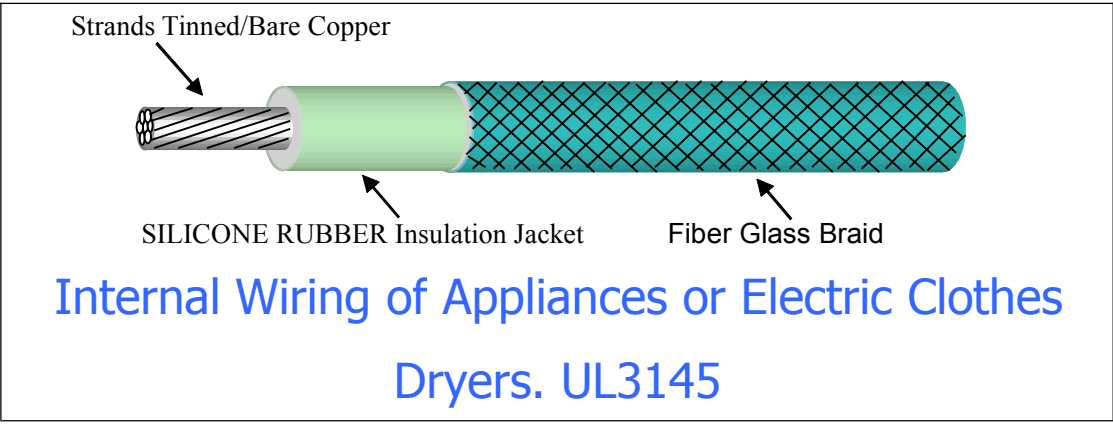
SHOULD BE USED:

Internal Wiring of Electric Clothes Dryers where exposed to temperatures not exceeding 200 deg C or Internal Wiring of Appliances where exposed to temperatures not exceeding 200 deg C.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3145	12	65/0. 254	5. 64	2. 36	1.15	1.02	5.06	±0.15
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048  AWM STYLE 3145 NO.AWG 200℃ 600V SILICONE RUBBER
3F  AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

SHOULD BE USED:

Mercury Switch Leads, or Relay Leads, where protected against mechanical abuse.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Strands Tinned/Bare Copper



SILICONE RUBBER Insulation Jacket

Mercury Switch Leads, or Relay Leads UL3171

Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Leads ,Conductor temperature not over 105℃ silicone rubber insulated wire								
Rated temperature: 105℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3171	12	65/0. 254	5. 64	2. 36	0.80	0.60	3.96	±0.15
	14	41/0. 254	8. 96	1. 90	0.80	0.60	3.50	±0.15
	16	7/0. 49	14. 60	1. 50	0.80	0.60	3.10	±0.15
	18	7/0. 39	23. 20	1. 19	0.80	0.60	2.79	±0.15
	20	7/0. 30	36. 70	0. 92	0.80	0.60	2.52	±0.15
	22	7/0. 254	59. 40	0. 76	0.80	0.60	2.36	±0.15
	24	7/0. 20	94. 20	0. 61	0.80	0.60	2.21	±0.15
	26	7/0. 16	150. 00	0. 48	0.80	0.60	2.08	±0.15

Marking: E211048 AWM STYLE 3171 NO.AWG 105℃ 600V SILICONE RUBBER
3F AWM I A 105℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

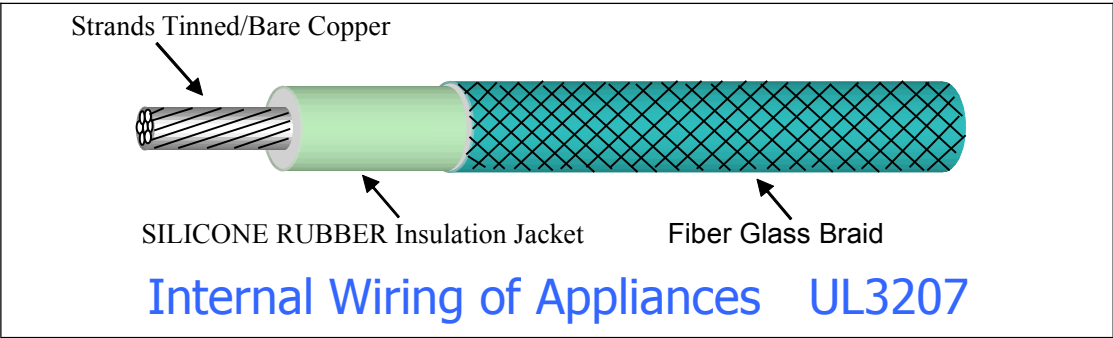
SHOULD BE USED:

Internal Wiring of Appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3207	18	7/0. 39	23. 20	1. 19	1.58	1.45	4.65	±0.15
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048  AWM STYLE 3207 NO.AWG 150℃ 600V SILICONE RUBBER 3F  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				3F
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

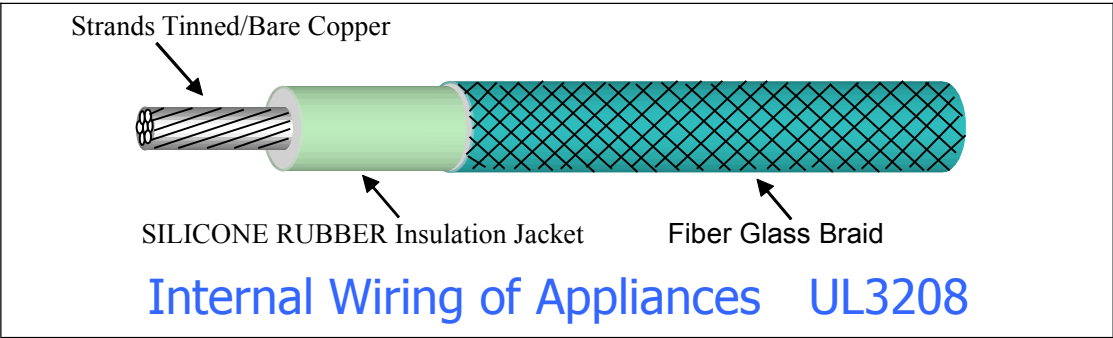
SHOULD BE USED:

Internal Wiring of Appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3208	12	65/0. 254	5. 64	2. 36	1.58	1. 45	5.92	±0.15
	14	41/0. 254	8. 96	1. 90	1.58	1. 45	5.46	±0.15
	16	7/0. 49	14. 60	1. 50	1.58	1. 45	5.06	±0.15
	18	7/0. 39	23. 20	1. 19	1.58	1. 45	4.75	±0.15
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048  AWM STYLE 3208 NO.AWG 150℃ 600V SILICONE RUBBER
3F  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

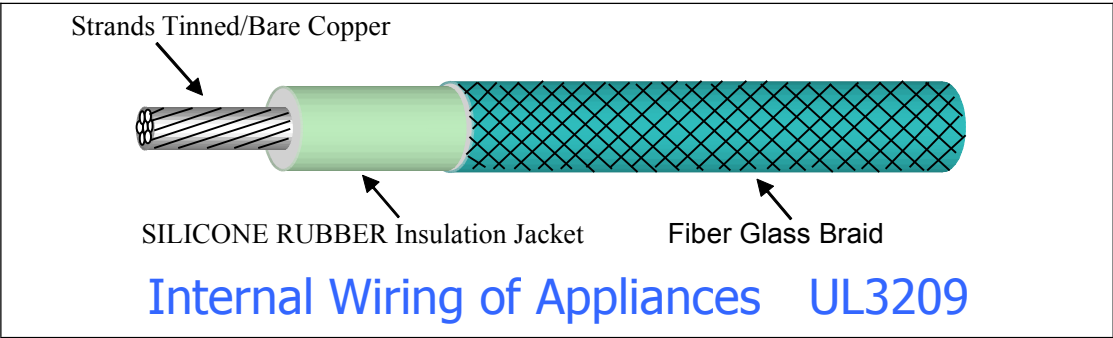
SHOULD BE USED:

Internal Wiring of Appliances where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire								
Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3209	12	65/0. 254	5. 64	2. 36	1.58	1. 45	5.92	±0.15
	14	41/0. 254	8. 96	1. 90	1.58	1. 45	5.46	±0.15
	16	7/0. 49	14. 60	1. 50	1.58	1. 45	5.06	±0.15
	18	7/0. 39	23. 20	1. 19	1.58	1. 45	4.75	±0.15
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048  AWM STYLE 3209 NO.AWG 200℃ 600V SILICONE RUBBER
3F  AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

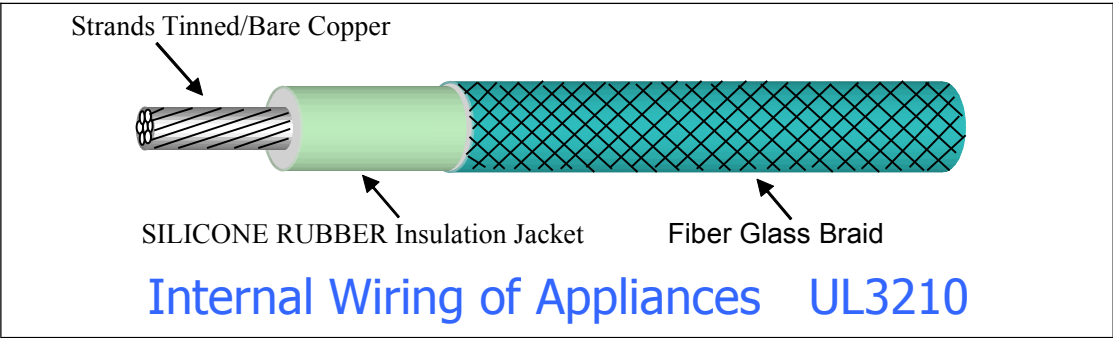
SHOULD BE USED:

Internal Wiring of Appliances

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3210	12	65/0. 254	5. 64	2. 36	1.58	1. 45	5.92	±0.15
	14	41/0. 254	8. 96	1. 90	1.58	1. 45	5.46	±0.15
	16	7/0. 49	14. 60	1. 50	1.58	1. 45	5.06	±0.15
	18	7/0. 39	23. 20	1. 19	1.58	1. 45	4.75	±0.15
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048 3F AWM STYLE 3210 NO.AWG 150℃ 600V SILICONE RUBBER
3F cUL AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

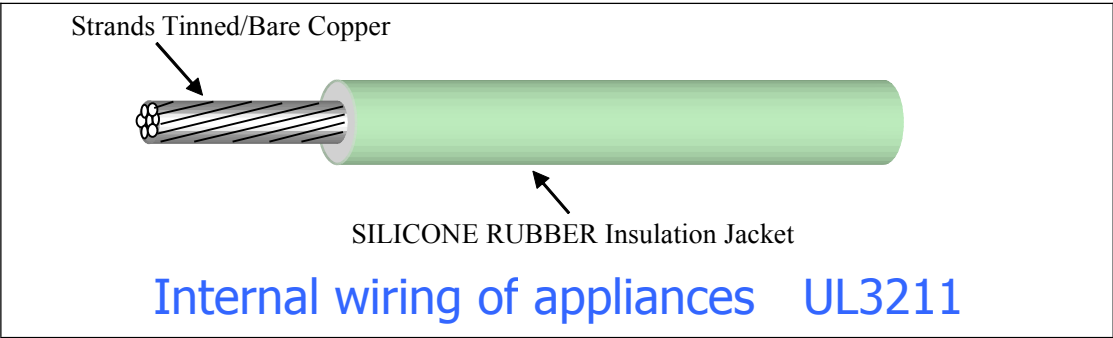
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3211	14	41/0. 254	8. 96	1. 90	0.80	0.70	3.50	±0.15
	16	7/0. 49	14. 60	1. 50	0.80	0.70	3.10	±0.15
	18	7/0. 39	23. 20	1. 19	0.80	0.70	2.79	±0.10
	20	7/0. 30	36. 70	0. 92	0.80	0.70	2.52	±0.10
	22	7/0. 254	59. 40	0. 76	0.80	0.70	2.36	±0.10
	24	7/0. 20	94. 20	0. 61	0.80	0.70	2.21	±0.10
	26	7/0. 16	150. 00	0. 48	0.80	0.70	2.08	±0.10

Marking: E211048  AWM STYLE 3211 NO.AWG 150℃ 300V SILICONE RUBBER
3F  AWM I A 150℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				
14-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

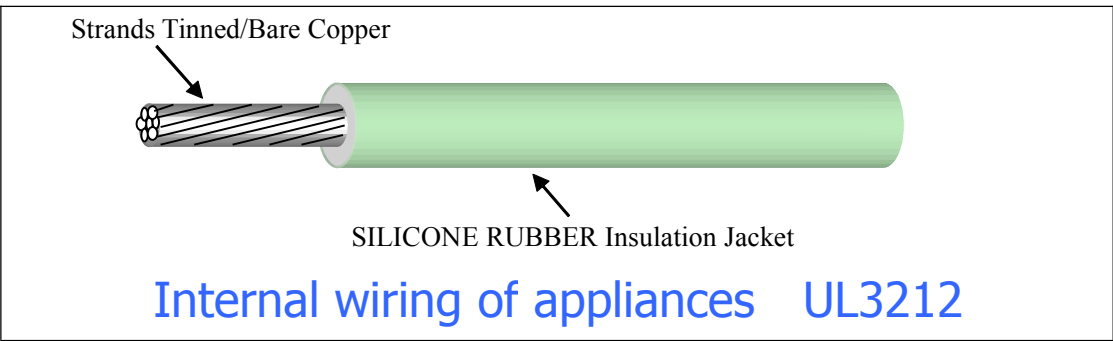
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3212	10	105/0.254	3.54	3.00	1.15	1.02	5.30	±0.15
	12	65/0.254	5.64	2.36	1.15	1.02	4.66	±0.15
	14	41/0.254	8.96	1.90	1.15	1.02	4.20	±0.15
	16	7/0.49	14.60	1.50	1.15	1.02	3.80	±0.15
	18	7/0.39	23.20	1.19	1.15	1.02	3.50	±0.15
	20	7/0.30	36.70	0.92	1.15	1.02	3.22	±0.10
	22	7/0.254	59.40	0.76	1.15	1.02	3.06	±0.10
	24	7/0.20	94.20	0.61	1.15	1.02	2.90	±0.10
	26	7/0.16	150.00	0.48	1.15	1.02	2.80	±0.10

Marking: E211048  AWM STYLE 3212 NO.AWG 150℃ 600V SILICONE RUBBER
QIFURUI  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

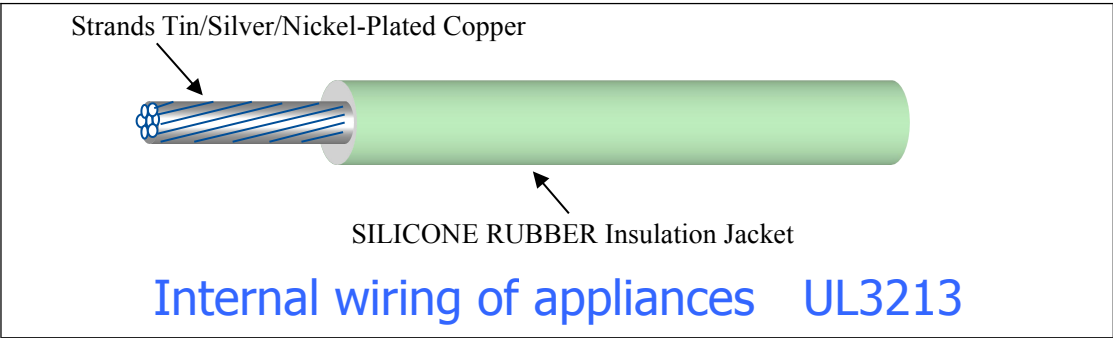
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tin/Silver/Nickel-Plated copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3213	02	7/95/0.254	0.555	8.56	1.52	1.37	11.60	±0.20
	04	7/60/0.254	0.882	6.81	1.52	1.37	9.85	±0.20
	06	7/19/0.361	1.403	5.41	1.52	1.37	8.45	±0.20
	06	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.20
	08	133/0.287	2.230	3.80	1.52	1.37	6.85	±0.20
	08	168/0.254	2.230	3.80	1.52	1.37	6.85	±0.20

Marking: E211048  AWM STYLE 3213 NO.AWG 150℃ 600V SILICONE RUBBER
QIFURUI  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
2~6AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
8AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

- 1.Physical performance
- a、 Good elasticity, softness

b、 Good adsorption ability

c、 Good heat resistance

d、 Good cold resistance

e、 Good weather

f、 Chemistry stability is good

j、 Good thermal performance

h、 Good flame retardancy
- 2.Electrical Properties
- a、 Electrical insulation good

b、 Has the very high resistivity
- 3.Processing properties
- a、 Use cold extrusion processing

b、 Or use the high temperature vulcanization process

c、 Good processing properties Harness

d、 Harness processing process good compatibility

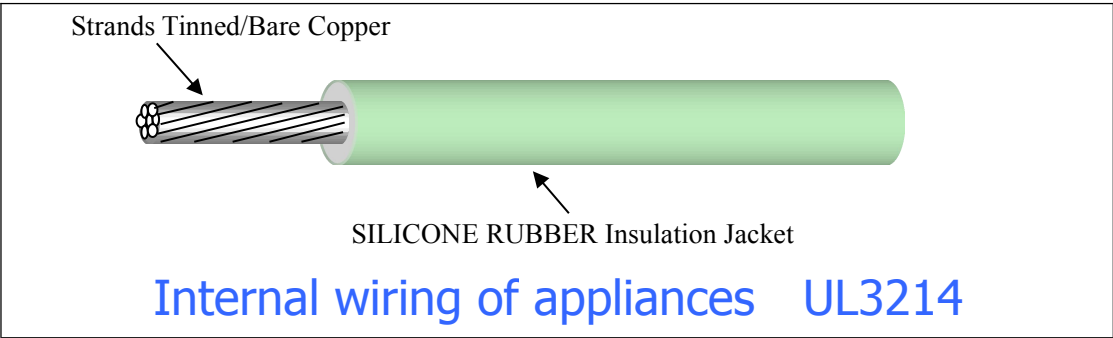
e、 According to UL standard design
- 4.Environmental protection
- a、 ROHS/REACH compliant

b、 Inodorous Atoxic

SHOULD BE USED:
Internal wiring of appliances

REFERENCE:
UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3214	4/0	19/44/0.404	0.172	15.49	2.03	1.83	19.55	±0.30
	4/0	7/37/0.724	0.172	15.58	2.03	1.83	19.64	±0.30
	3/0	7/37/0.643	0.219	13.54	2.03	1.83	17.60	±0.30
	2/0	19/70/0.254	0.277	12.24	2.03	1.83	16.30	±0.30
	1/0	7/37/0.511	0.349	11.42	2.03	1.83	15.48	±0.30
	1/0	19/55/0.254	0.349	10.89	2.03	1.83	14.95	±0.30
	01	19/44/0.254	0.440	9.74	2.03	1.83	13.80	±0.20

Marking: E211048 AWM STYLE 3214 NO.AWG 150℃ 600V SILICONE RUBBER
QIFURUI c AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
4/0~1AWG	☒ 250Ft	☐ 500Ft	☐ 1000Ft	☐ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

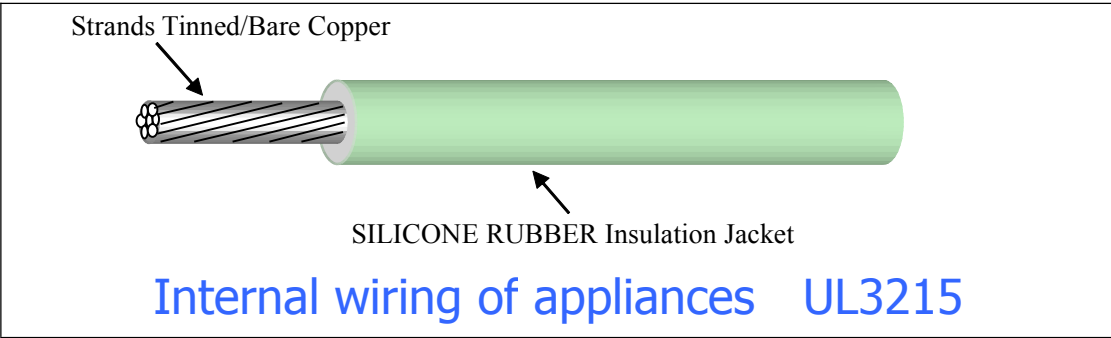
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3215	16	7/0.49	14.60	1.50	1.58	1.37	4.66	±0.15
	18	7/0.39	23.20	1.19	1.58	1.37	4.35	±0.10

Marking: E211048  AWM STYLE 3215 NO.AWG 150℃ 600V SILICONE RUBBER
3F  AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

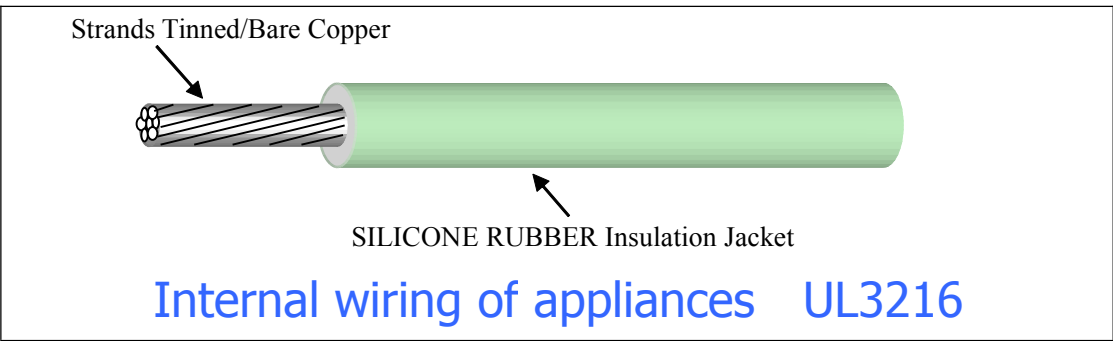
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3216	10	105/0.254	3.54	3.00	2.00	1.83	7.00	±0.15
	12	65/0.254	5.64	2.36	2.00	1.83	6.35	±0.15
	14	41/0.254	8.96	1.90	2.00	1.83	5.90	±0.15

Marking: E211048 3F AWM STYLE 3216 NO.AWG 150℃ 600V SILICONE RUBBER
3F cUL AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10~14AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

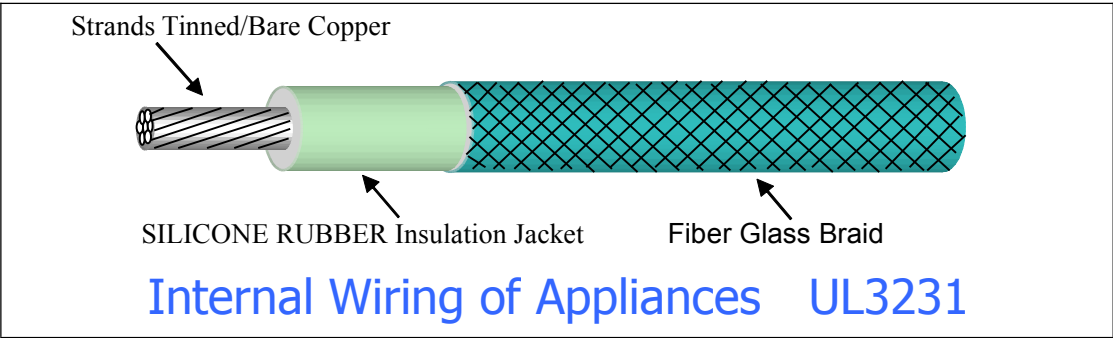
SHOULD BE USED:

Internal Wiring of Electric Clothes Dryers or Appliances.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3231	8	19/0.75	2.23	3.74	1.52	1.37	7.18	±0.15
	10	19/0.61	3.90	3.05	1.15	1.02	5.75	±0.15
	12	19/0.50	6.30	2.50	0.78	0.69	4.46	±0.15
	14	7/0.61	8.86	1.85	0.78	0.69	3.81	±0.15
	16	7/0.50	15.10	1.50	0.78	0.69	3.46	±0.10
	18	7/0.39	26.80	1.15	0.78	0.69	3.11	±0.10
	20	1/0.81	37.60	0.81	0.78	0.69	2.77	±0.10
	22	1/0.65	57.80	0.65	0.78	0.69	2.61	±0.10
	24	1/0.51	88.90	0.51	0.78	0.69	2.47	±0.10
	26	1/0.40	139.75	0.40	0.78	0.69	2.36	±0.10
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048  AWM STYLE 3231 NO.AWG 200℃ 600V SILICONE RUBBER
3F  AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
8AWG	☐ 250Ft	☒ 500Ft	☐ 1000Ft	☐ 2000Ft
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18-26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

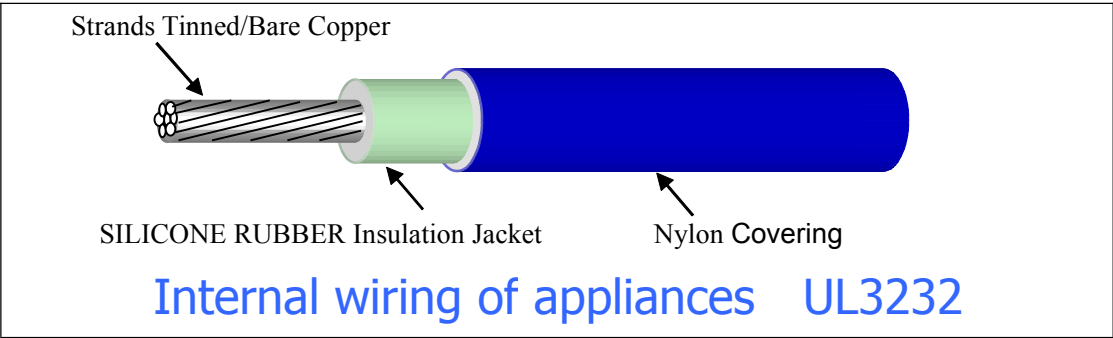
SHOULD BE USED:

Internal wiring of appliances where totally enclosed .

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Covering:Nylon

Internal wiring 。 Conductor temperature not over 105℃ silicone rubber insulated wire								
Rated temperature: 105℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Nylon	Nom	Tole.
3232	16	7/0. 49	14. 60	1. 50	0.40	0.10	2.50	±0.1
	18	7/0. 39	23. 20	1. 19	0.40	0.10	2.20	±0.1
	20	7/0. 30	36. 70	0. 92	0.40	0.10	1.92	±0.1
	22	7/0. 254	59. 40	0. 76	0.40	0.10	1.76	±0.1
	24	7/0. 20	94. 20	0. 61	0.40	0.10	1.61	±0.1
	26	7/0. 16	150. 00	0. 48	0.40	0.10	1.50	±0.1

Marking: E211048 3F AWM STYLE 3232 NO.AWG 105℃ 300V SILICONE RUBBER
3F cUL AWM I A 105℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				3F
16~26AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

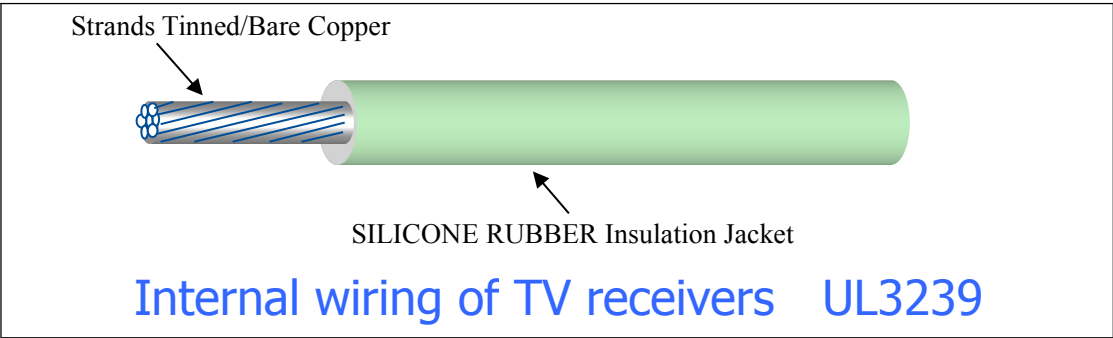
SHOULD BE USED:

Internal wiring of TV receivers or where the acceptability has been determined by Underwriters Laboratories.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over-40℃- 150℃ silicone rubber insulated wire Rated temperature: -40℃- 150℃ rated voltage: 3KV-DC								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3239	10	105/0.254	3.54	3.00	0.55	0.50	4.10	±0.15
	12	65/0.254	5.64	2.36	0.55	0.50	3.46	±0.15
	14	41/0.254	8.96	1.90	0.55	0.50	3.00	±0.15
	16	26/0.254	14.60	1.50	0.55	0.50	2.60	±0.15
	18	16/0.254	23.20	1.17	0.55	0.50	2.27	±0.10
	20	21/0.18	36.70	0.95	0.55	0.50	2.05	±0.10
	22	12/0.18	59.40	0.72	0.55	0.50	1.82	±0.10
	22	17/0.16	59.40	0.76	0.55	0.50	1.86	±0.10
	24	11/0.16	94.20	0.60	0.55	0.50	1.70	±0.10
	26	7/0.16	150.00	0.48	0.55	0.50	1.58	±0.10
	28	7/0.127	239.00	0.38	0.55	0.50	1.48	±0.10

Marking: E211048 AWM STYLE 3239 3KV-DC NO.AWG 150℃ c SILICONE RUBBER 150℃ FT2 -LF-
E211048 AWM STYLE 3239 3KV-DC NO.AWG 150℃ VW-1 SILICONE RUBBER QIFURUI c IA 150℃ 3KV-DC FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000 FT	☐ 2000 FT
18-28AWG	☐ 250Ft	☐ 500Ft	☐ 1000 ft	☒ 2000 FT
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

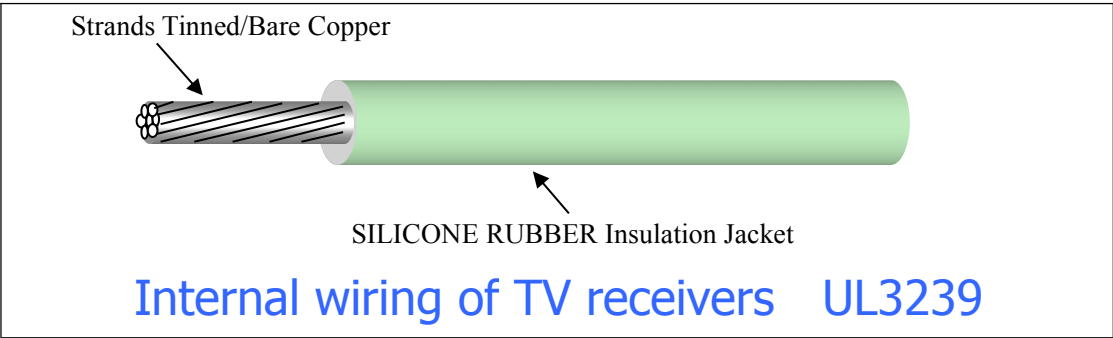
SHOULD BE USED:

Internal wiring of TV receivers or where the acceptability has been determined by Underwriters Laboratories.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 6KV-DC								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3239	10	105/0.254	3.54	3.00	0.85	0.76	4.70	±0.15
	12	65/0.254	5.64	2.36	0.85	0.76	4.06	±0.15
	14	41/0.254	8.96	1.90	0.85	0.76	3.60	±0.15
	16	26/0.254	14.60	1.50	0.85	0.76	3.20	±0.15
	18	16/0.254	23.20	1.15	0.85	0.76	2.85	±0.10
	20	21/0.18	36.70	0.95	0.85	0.76	2.65	±0.10
	22	17/0.16	59.40	0.76	0.85	0.76	2.46	±0.10
	24	11/0.16	94.20	0.60	0.85	0.76	2.30	±0.10
	24	7/0.20	94.20	0.61	0.85	0.76	2.31	±0.10
	26	7/0.16	150.00	0.48	0.85	0.76	2.18	±0.10
	28	7/0.127	239.00	0.38	0.85	0.76	2.08	±0.10

Marking: E211048 AWM STYLE 3239 6KV-DC NO.AWG 150℃ c SILICONE RUBBER 150℃ FT2 -LF-
E211048 AWM STYLE 3239 6KV-DC NO.AWG 150℃ VW-1 SILICONE RUBBER QIFURUI c IA 150℃ 6KV-DC FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000 FT	☐ 2000 FT
18-28AWG	☐ 250Ft	☐ 500Ft	☐ 1000 ft	☒ 2000 FT
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

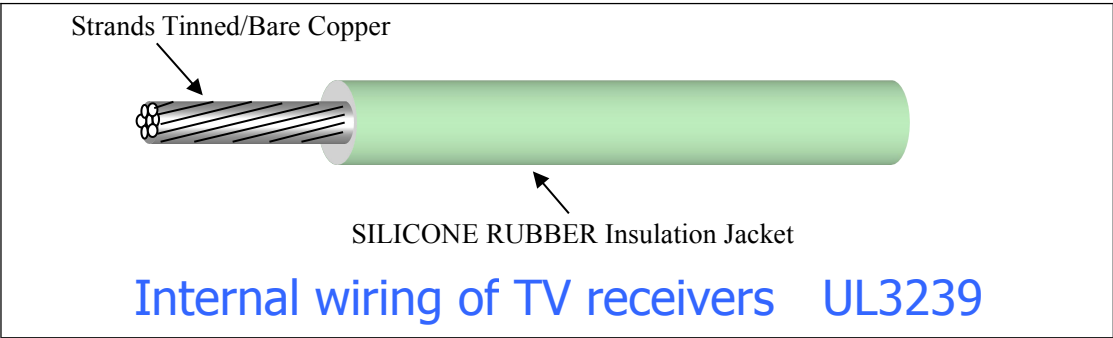
SHOULD BE USED:

Internal wiring of TV receivers or where the acceptability has been determined by Underwriters Laboratories.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 10KV-DC								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3239	10	105/0.254	3.54	3.00	1.00	0.90	5.00	±0.15
	12	65/0.254	5.64	2.36	1.00	0.90	4.36	±0.15
	14	41/0.254	8.96	1.90	1.00	0.90	3.90	±0.15
	16	26/0.254	14.60	1.50	1.00	0.90	3.50	±0.15
	18	16/0.254	23.20	1.17	1.00	0.90	3.20	±0.10
	20	21/0.18	36.70	0.95	1.00	0.90	2.95	±0.10
	22	17/0.16	59.40	0.76	1.00	0.90	2.76	±0.10
	24	11/0.16	94.20	0.60	1.00	0.90	2.60	±0.10
	26	7/0.16	150.00	0.48	1.00	0.90	2.48	±0.10
	28	7/0.127	239.00	0.38	1.00	0.90	2.38	±0.10

Marking: E211048 AWM STYLE 3239 10KV-DC NO.AWG 150℃ c SILICONE RUBBER 150℃ FT2 -LF-
E211048 AWM STYLE 3239 10KV-DC NO.AWG 150℃ VW-1 SILICONE RUBBER QIFURUI c IA 150℃ 10KV-DC FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000 FT	☐ 2000 FT
18-28AWG	☐ 250Ft	☐ 500Ft	☐ 1000 ft	☒ 2000 FT
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

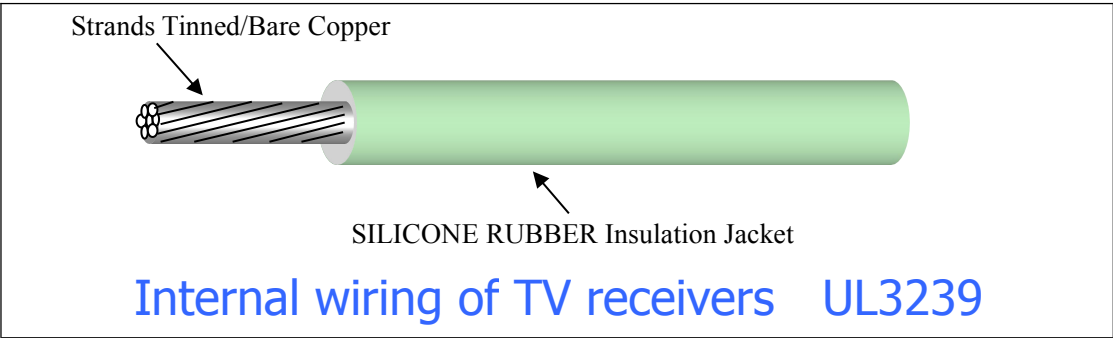
SHOULD BE USED:

Internal wiring of TV receivers or where the acceptability has been determined by Underwriters Laboratories.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 20KV-DC								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3239	10	105/0.254	3.54	3.00	1.15	1.04	5.30	±0.15
	12	65/0.254	5.64	2.36	1.15	1.04	4.66	±0.15
	14	41/0.254	8.96	1.90	1.15	1.04	4.20	±0.15
	16	26/0.254	14.60	1.50	1.15	1.04	3.80	±0.15
	18	7/0.39	23.20	1.20	1.15	1.04	3.50	±0.15
		16/0.254	23.20	1.20	1.15	1.04	3.50	±0.15
		19/0.235	23.20	1.20	1.15	1.04	3.50	±0.15
	20	21/0.18	36.70	0.95	1.15	1.04	3.25	±0.10
	20	10/0.254	36.70	0.93	1.15	1.04	3.23	±0.10
	22	17/0.16	59.40	0.76	1.15	1.04	3.06	±0.10
	22	7/0.254	59.40	0.78	1.15	1.04	3.08	±0.10
	24	11/0.16	94.20	0.60	1.15	1.04	2.90	±0.10
	24	7/0.2	94.20	0.61	1.15	1.04	2.91	±0.10
	26	7/0.16	150.00	0.48	1.15	1.04	2.78	±0.10
	28	7/0.127	239.00	0.38	1.15	1.04	2.68	±0.10

Marking: E211048 AWM STYLE 3239 20KV-DC NO.AWG 150℃ c SILICONE 3F 150℃ FT2 -LF-
E211048 AWM STYLE 3239 20KV-DC NO.AWG 150℃ VW-1 SILICONE RUBBER QIFURUI c IA 150℃ 20KV-DC FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000 FT	☐ 2000 FT
18-28AWG	☐ 250Ft	☐ 500Ft	☐ 1000 ft	☒ 2000 FT
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

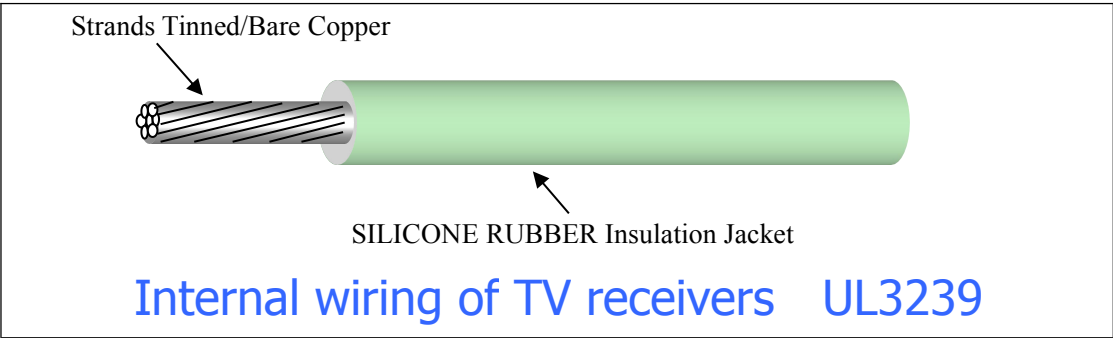
SHOULD BE USED:

Internal wiring of TV receivers or where the acceptability has been determined by Underwriters Laboratories.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 25KV-DC

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3239	10	105/0.254	3.54	3.00	1.58	1.47	6.16	±0.20
	12	65/0.254	5.64	2.36	1.58	1.47	5.52	±0.15
	14	41/0.254	8.96	1.90	1.58	1.47	5.06	±0.15
	16	26/0.254	14.60	1.50	1.58	1.47	4.66	±0.15
	18	16/0.254	23.20	1.20	1.58	1.47	4.36	±0.15
	20	21/0.18	36.70	0.95	1.58	1.47	4.11	±0.15
	22	17/0.16	59.40	0.76	1.58	1.47	3.92	±0.15
	24	11/0.16	94.20	0.60	1.58	1.47	3.76	±0.15
	26	7/0.16	150.00	0.48	1.58	1.47	3.64	±0.15
	28	7/0.127	239.00	0.38	1.58	1.47	3.54	±0.15

Marking: E211048 AWM STYLE 3239 25KV-DC NO.AWG 150℃ c SILICONE
3F 150℃ FT2 -LF-
E211048 AWM STYLE 3239 25KV-DC NO.AWG 150℃ VW-1
SILICONE RUBBER 3F c IA 150℃ 25KV-DC FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000 FT	☐ 2000 FT
18-28AWG	☐ 250Ft	☐ 500Ft	☐ 1000 ft	☒ 2000 FT
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

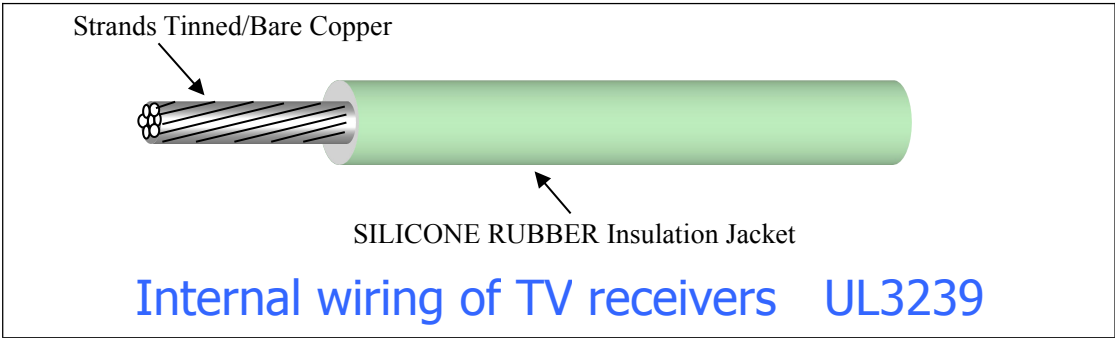
SHOULD BE USED:

Internal wiring of TV receivers or where the acceptability has been determined by Underwriters Laboratories.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 30KV-DC

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3239	10	105/0.254	3.54	3.00	2.00	1.80	7.00	±0.20
	12	65/0.254	5.64	2.36	2.00	1.80	6.36	±0.15
	14	41/0.254	8.96	1.90	2.00	1.80	5.90	±0.15
	16	26/0.254	14.60	1.50	2.00	1.80	5.50	±0.15
	18	16/0.254	23.20	1.20	2.00	1.80	5.20	±0.15
	20	21/0.18	36.70	0.95	2.00	1.80	4.95	±0.15
	22	17/0.16	59.40	0.76	2.00	1.80	4.76	±0.15
	24	11/0.16	94.20	0.60	2.00	1.80	4.60	±0.15
	26	7/0.16	150.00	0.48	2.00	1.80	4.48	±0.15

Marking: E211048 AWM STYLE 3239 30KV-DC NO.AWG 150℃ c SILICONE RUBBER 150℃ FT2 -LF-
E211048 AWM STYLE 3239 30KV-DC NO.AWG 150℃ VW-1 SILICONE RUBBER QIFURUI c IA 150℃ 30KV-DC FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000 FT	☐ 2000 FT
18-28AWG	☐ 250Ft	☐ 500Ft	☐ 1000 ft	☒ 2000 FT
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

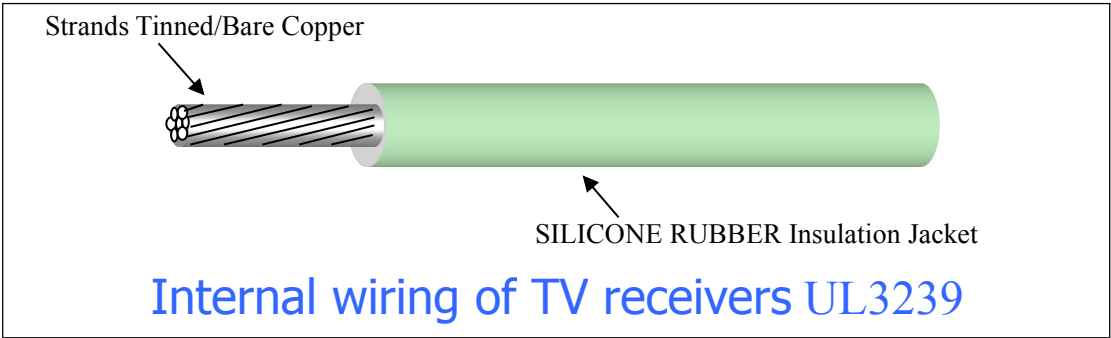
SHOULD BE USED:

Internal wiring of TV receivers or where the acceptability has been determined by Underwriters Laboratories.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage: 40KV-DC								
STYLE	stand ard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3239- 40KV	10	105/0.254	3.54	3.00	2.60	2.50	8.20	±0.20
	12	65/0.254	5.64	2.36	2.55	2.47	7.46	±0.15
	14	41/0.254	8.96	1.90	2.50	2.42	6.90	±0.15
	16	26/0.254	14.60	1.50	2.50	1.92	6.50	±0.15
	18	16/0.254	23.20	1.20	2.50	1.92	6.20	±0.15
	20	21/0.18	36.70	0.95	2.50	1.92	5.95	±0.15
	22	17/0.16	59.40	0.76	2.50	1.92	5.76	±0.15
	24	11/0.16	94.20	0.60	2.50	1.92	5.60	±0.15

标志: E211048 AWM STYLE 3239 40KV-DC NO.AWG 150℃ c
IA 150℃ 40KV-DC FT2 -LF-

OR:E211048 AWM STYLE 3239 40KV-DC NO.AWG 150℃ VW-1
SILICONE RUBBER QIFURUI c IA 150℃ 40KV-DC FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10-14AWG	☐ 250Ft	☒ 500Ft	☐ 1000 FT	☐ 2000 FT
16-18AWG	☐ 250Ft	☐ 500Ft	☒ 1000 FT	☐ 2000 FT
20-24AWG	☐ 250Ft	☐ 500Ft	☐ 1000 ft	☒ 2000 FT
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

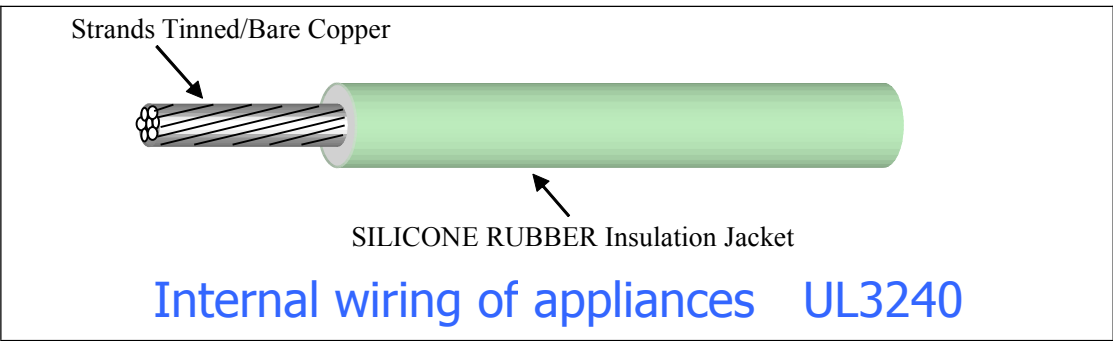
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire
Rated temperature: 200℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3240	10	105/0.254	3.54	3.00	1.15	1.02	5.30	±0.15
	12	65/0.254	5.64	2.36	1.15	1.02	4.66	±0.15
	14	41/0.254	8.96	1.90	1.15	1.02	4.20	±0.15
	16	26/0.254	14.60	1.50	1.15	1.02	3.80	±0.15
	18	16/0.254	23.20	1.19	1.15	1.02	3.50	±0.15
	20	10/0.254	36.70	0.92	1.15	1.02	3.22	±0.10
	22	7/0.254	59.40	0.76	1.15	1.02	3.06	±0.10
	24	7/0.20	94.20	0.61	1.15	1.02	2.90	±0.10
	26	7/0.16	150.00	0.48	1.15	1.02	2.80	±0.10

Marking: E211048 3F AWM STYLE 3240 NO.AWG 200℃ 600V SILICONE RUBBER
3F cUL AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

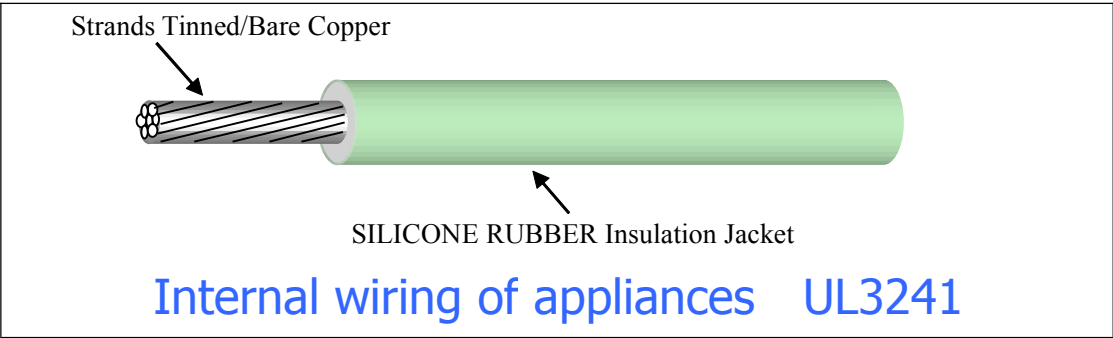
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire
Rated temperature: 200℃ rated voltage: 300V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3241	14	41/0.254	8.96	1.90	0.80	0.71	3.50	±0.15
	16	26/0.254	14.60	1.50	0.80	0.71	3.10	±0.15
	18	16/0.254	23.20	1.19	0.80	0.71	2.80	±0.15
	20	10/0.254	36.70	0.92	0.80	0.71	2.52	±0.10
	22	7/0.254	59.40	0.76	0.80	0.71	2.36	±0.10
	24	7/0.20	94.20	0.61	0.80	0.71	2.21	±0.10
	26	7/0.16	150.00	0.48	0.80	0.71	2.08	±0.10

Marking: E211048  AWM STYLE 3241 NO.AWG 200℃ 300V SILICONE RUBBER
3F  AWM I A 200℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				
14~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

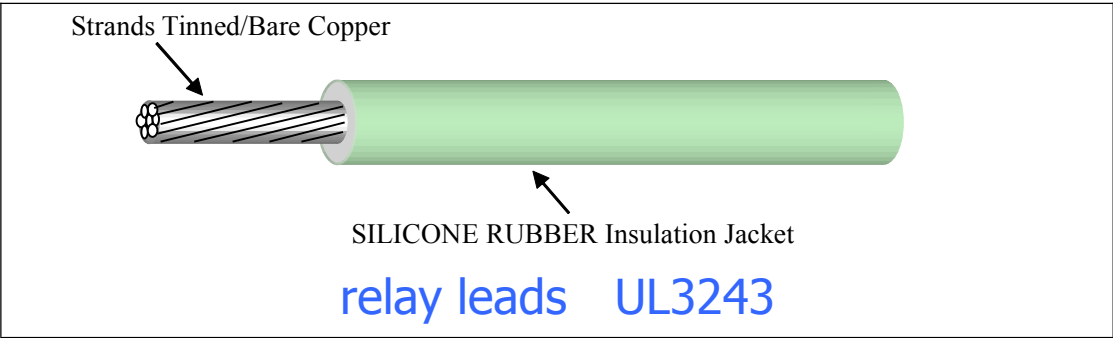
SHOULD BE USED:

For use only in short lengths (about 2 inches) as relay leads where protected against mechanical injury.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

relay leads ,Conductor temperature not over 105℃ silicone rubber insulated wire								
Rated temperature: 105℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3243	16	26/0.254	14.60	1.50	0.38	0.33	2.26	±0.10
	18	16/0.254	23.20	1.19	0.38	0.33	1.95	±0.10
	20	10/0.254	36.70	0.92	0.38	0.33	1.68	±0.10
	22	7/0.254	59.40	0.76	0.38	0.33	1.52	±0.10
	24	7/0.20	94.20	0.61	0.38	0.33	1.37	±0.10
	26	7/0.16	150.00	0.48	0.38	0.33	1.24	±0.10
	28	7/0.127	239.00	0.40	0.38	0.33	1.16	±0.10

Marking: E211048 AWM STYLE 3243 NO.AWG 105℃ 300V SILICONE RUBBER 3F AWM I A 105℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~28AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

SHOULD BE USED:

Internal Wiring of Appliance and Fixtures where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Strands Tinned/Bare Copper



SILICONE RUBBER Insulation Jacket

Internal Wiring of Appliance and Fixtures UL3251

Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal Wiring ,Conductor temperature not over 250℃ silicone rubber insulated wire Rated temperature: 250℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3251	10	105/0.254	3.546	3.00	1.14	1.04	5.30	±0.15
	12	65/0.254	5.64	2.36	1.14	1.04	4.65	±0.15
	14	41/0.254	8.96	1.90	1.14	1.04	4.20	±0.15
	16	7/0.49	14.60	1.50	1.14	1.04	3.80	±0.15
	18	7/0.39	23.20	1.19	1.14	1.04	3.50	±0.15
	20	7/0.30	36.70	0.92	1.14	1.04	3.20	±0.15
	22	7/0.254	59.40	0.76	1.14	1.04	3.05	±0.10
	24	7/0.20	94.20	0.61	1.14	1.04	2.90	±0.10
	26	7/0.16	150.00	0.48	1.14	1.04	2.75	±0.10
	28	7/0.127	239.00	0.38	1.14	1.04	2.65	±0.10
	30	7/0.10	381.00	0.30	1.14	1.04	2.60	±0.10

Marking: E211048 AWM STYLE 3251 NO.AWG 250℃ 600V SILICONE RUBBER
3F AWM I A 250℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~28AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance

h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

SHOULD BE USED:

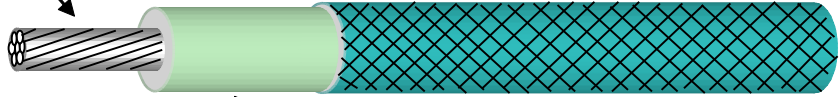
Internal Wiring of Appliances and Fixtures.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:

Strands Nickel-plated Copper/Silver plated copper



SILICONE RUBBER Insulation Jacket

Fiber Glass Braid

Internal Wiring of Appliances and Fixtures.

UL3252

Wire structure description:

Conductor: Nickel-plated copper/Silver plated copper ;

Insulation materials: SILICONE RUBBER Insulation

Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 250℃ silicone rubber insulated wire								
Rated temperature: 250℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3252	10	105/0.254	3.546	3.00	0.80	0.69	5.00	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	4.36	±0.15
	14	41/0.254	8.96	1.90	0.80	0.69	3.90	±0.15
	16	7/0.49	14.60	1.50	0.80	0.69	3.50	±0.15
	18	7/0.39	23.20	1.19	0.80	0.69	3.19	±0.10
	20	7/0.30	36.70	0.92	0.80	0.69	2.92	±0.10
	22	7/0.254	59.40	0.76	0.80	0.69	2.76	±0.10
	24	7/0.20	94.20	0.61	0.80	0.69	2.61	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.48	±0.10
	28	7/0.127	239.00	0.38	0.80	0.69	2.38	±0.10
	30	7/0.10	381.00	0.30	0.80	0.69	2.30	±0.10
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048  AWM STYLE 3252 NO.AWG 250℃ 600V SILICONE RUBBER 3F  AWM I A 250℃ 600V FT2 -LF-
E211048  AWM STYLE 3252 NO.AWG 250℃ 600V VW-1 SILICONE RUBBER 3F  AWM I A 250℃ 600V FT1 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18-30AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

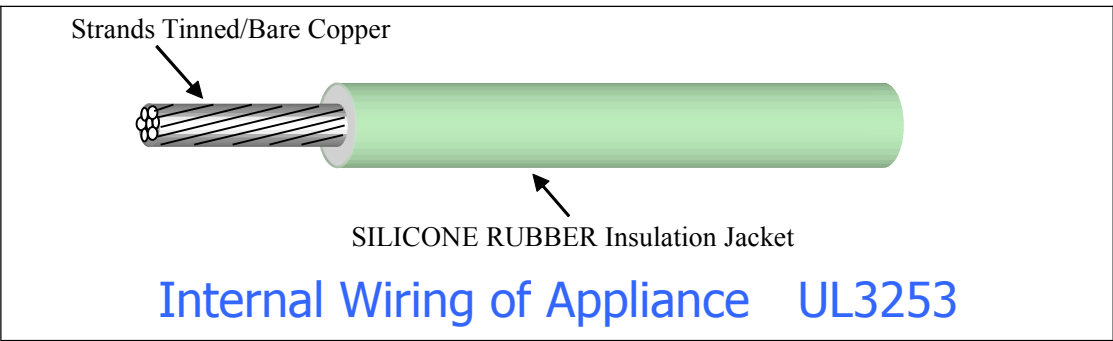
SHOULD BE USED:

Internal Wiring of Appliance where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal Wiring ,Conductor temperature not over 250℃ silicone rubber insulated wire Rated temperature: 250℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3253	12	65/0.254	5.64	2.36	0.80	0.69	3.95	±0.15
	14	41/0.254	8.96	1.90	0.80	0.69	3.50	±0.15
	16	7/0.49	14.60	1.50	0.80	0.69	3.10	±0.15
	18	7/0.39	23.20	1.18	0.80	0.69	2.80	±0.10
	20	7/0.30	36.70	0.92	0.80	0.69	2.55	±0.10
	22	7/0.254	59.40	0.76	0.80	0.69	2.36	±0.10
	24	7/0.20	94.20	0.61	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.10	±0.10
	28	7/0.127	239.00	0.38	0.80	0.69	2.00	±0.10
	30	7/0.10	361.00	0.30	0.80	0.69	1.90	±0.10

Marking: E211048 AWM STYLE 3253 NO.AWG 250℃ 300V SILICONE RUBBER
3F c AWM I A 250℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~30AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

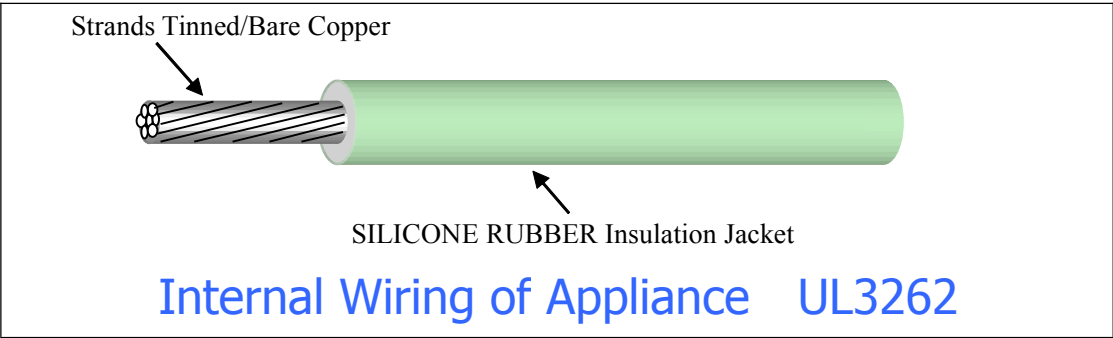
SHOULD BE USED:

Internal Wiring of Appliance where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal Wiring ,Conductor temperature not over 200℃ silicone rubber insulated wire
Rated temperature: 200℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3262	20	7/0.30	36.70	0.92	0.80	0.69	2.55	±0.10
	22	7/0.254	59.40	0.76	0.80	0.69	2.36	±0.10
	24	7/0.20	94.20	0.61	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.10	±0.10

Marking: E211048  AWM STYLE 3262 NO.AWG 200℃ 600V SILICONE RUBBER
3F c AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
20~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

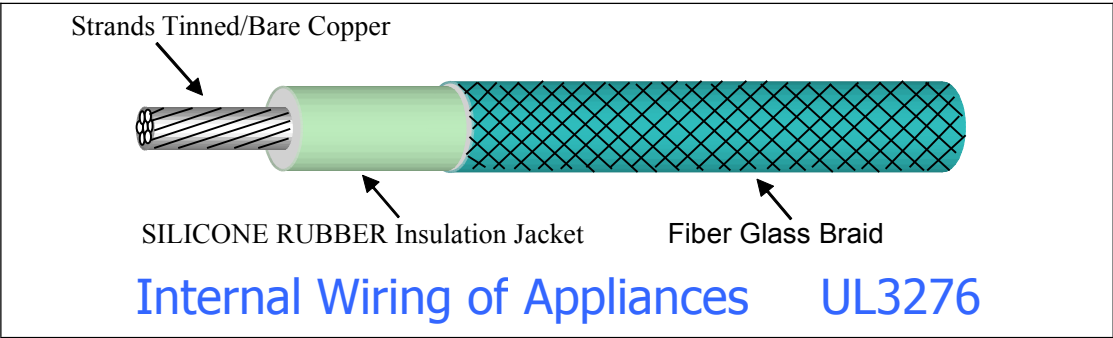
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3276	14	41/0. 254	8. 96	1. 90	0.78	0.69	3.76	±0.15
	16	7/0. 49	14. 60	1. 50	0.78	0.69	3.36	±0.15
	18	7/0. 39	23. 20	1. 19	0.78	0.69	3.05	±0.10
	20	7/0. 30	36. 70	0. 92	0.78	0.69	2.78	±0.10
	22	7/0. 254	59. 40	0. 76	0.78	0.69	2.62	±0.10
	24	7/0. 20	94. 20	0. 61	0.78	0.69	2.47	±0.10
	26	7/0. 16	150. 00	0. 48	0.78	0.69	2.34	±0.10
Fiber Glass Braid thickness(mm): 0.15mm								

Marking: E211048 3F AWM STYLE 3276 NO.AWG 150℃ 300V SILICONE RUBBER
3F cUL AWM I A 150℃ 300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
14-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18-26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

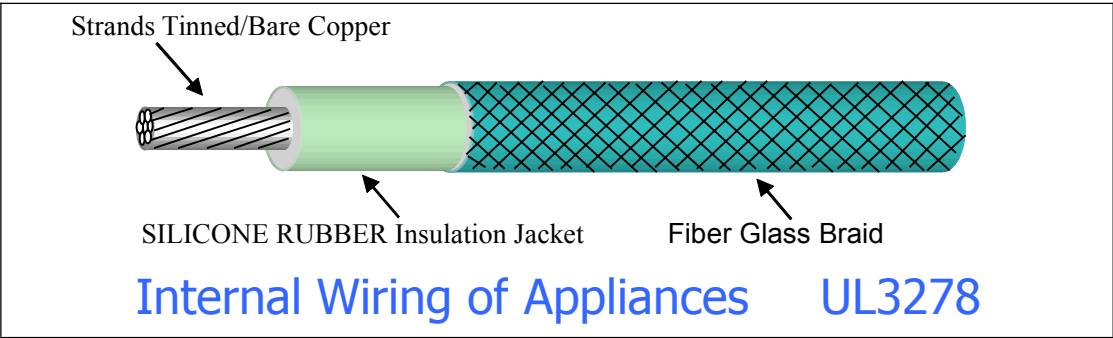
SHOULD BE USED:

Internal Wiring of Appliances (such as Heating Appliances and Lighting Fixtures).

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3278	4/0	19/44/0.404	0.172	15.48	2.03	1.83	19.95	±0.30
	3/0	19/87/0.254	0.219	13.68	2.03	1.83	18.15	±0.30
	2/0	19/70/0.254	0.277	12.26	2.03	1.83	16.72	±0.30
	1/0	19/55/0.254	0.349	10.88	2.03	1.83	15.35	±0.30
	1	19/44/0.254	0.440	9.72	2.03	1.83	14.20	±0.20
	2	7/95/0.254	0.555	8.58	1.52	1.37	12.02	±0.20
	4	7/60/0.254	0.882	6.82	1.52	1.37	10.26	±0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.85	±0.20
	8	168/0.254	2.230	3.80	1.52	1.37	7.25	±0.20
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048 AWM STYLE 3278 NO.AWG 150℃ 600V SILICONE RUBBER QIFURUI cAWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				3F
4/0~6AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft	
8AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

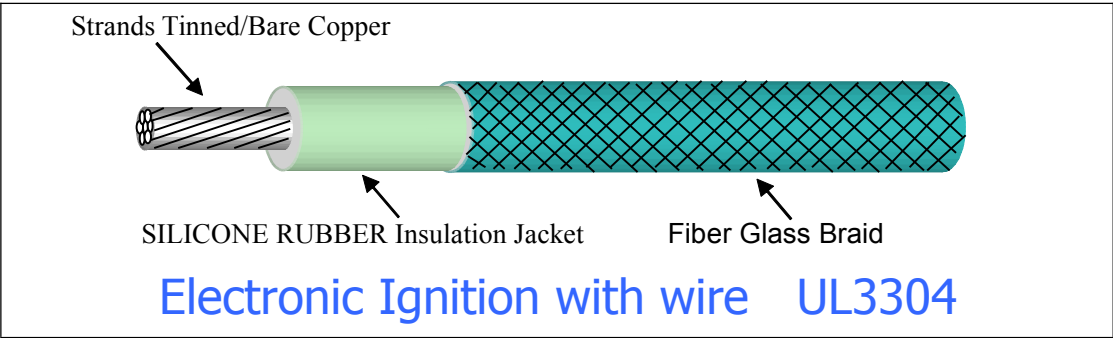
SHOULD BE USED:

Electronic Ignition or similar application in Gas Ranges or Gas or Fuel Oil Burner Systems where protected from damage during handling, installation and servicing of the appliance.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire Rated temperature: 200℃ rated voltage: 10KVac								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3304	12	65/0.254	5.64	2.36	1.02	0.92	4.70	±0.15
	14	41/0.254	8.96	1.90	1.02	0.92	4.20	±0.15
	16	7/0.49	14.60	1.50	1.02	0.92	3.80	±0.15
	16	19/0.287	14.60	1.44	1.02	0.92	3.78	±0.15
	18	7/0.39	23.20	1.19	1.02	0.92	3.50	±0.10
	20	7/0.30	36.70	0.92	1.02	0.92	3.25	±0.10
	22	7/0.254	59.40	0.76	1.02	0.92	3.10	±0.10
	22	1/0.65	59.40	0.65	1.02	0.92	3.00	±0.10
Fiber Glass Braid thickness(mm): 0.15mm								

Marking: E211048 AWM STYLE 3304 NO.AWG 200℃ 10KV SILICONE RUBBER
QIFURUI AWM I A 200℃ 10KV FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
12-16AWG	☐ 200Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~22AWG	☐ 200Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

a、 Good elasticity, softness

b、 Good adsorption ability

c、 Good heat resistance

d、 Good cold resistance

e、 Good weather

f、 Chemistry stability is good

j、 Good thermal performance

h、 Good flame retardancy

2.Electrical Properties

a、 Electrical insulation good

b、 Has the very high resistivity

3.Processing properties

a、 Use cold extrusion processing

b、 Or use the high temperature vulcanization process

c、 Good processing properties Harness

d、 Harness processing process good compatibility

e、 According to UL standard design

4.Environmental protection

a、 ROHS/REACH compliant

b、 Inodorous Atoxic

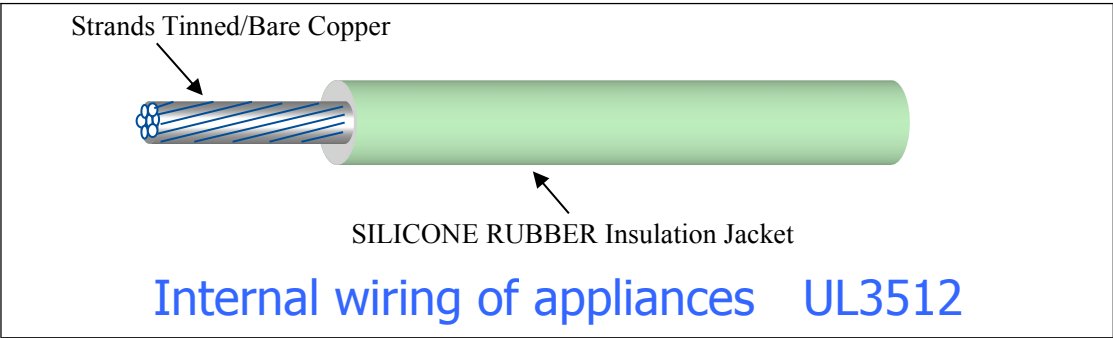
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3512	4/0	19/44/0.404	0.172	15.48	2.41	2.16	20.50	±0.30
	3/0	7/37/0.643	0.219	13.55	2.03	1.93	17.60	±0.30
	2/0	19/70/0.254	0.277	12.26	2.03	1.93	16.32	±0.30
	1/0	19/55/0.254	0.349	10.88	2.03	1.93	14.94	±0.30
	1	19/44/0.254	0.440	9.72	2.03	1.93	13.78	±0.20
	2	7/95/0.254	0.555	8.58	1.52	1.37	11.62	±0.20
	4	7/60/0.254	0.882	6.82	1.52	1.37	9.86	±0.20
	5	7/46/0.254	1.113	5.97	1.52	1.37	9.01	±0.15
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.15
	7	7/30/0.254	1.768	4.82	1.52	1.37	7.86	±0.15
	8	168/0.254	2.230	3.80	1.15	1.02	6.10	±0.15
	10	105/0.254	3.540	3.00	1.15	1.02	5.30	±0.15
	12	65/0.254	5.64	2.36	0.78	0.69	3.95	±0.15
	12	19/0.50	5.64	2.50	0.78	0.69	4.06	±0.15
	14	7/0.616	8.96	1.90	0.78	0.69	3.46	±0.15
	14	41/0.254	8.96	1.90	0.78	0.69	3.46	±0.15
	16	7/0.49	14.60	1.50	0.78	0.69	3.06	±0.15
	18	7/0.39	23.20	1.19	0.78	0.69	2.75	±0.15
	20	7/0.30	36.70	0.92	0.78	0.69	2.48	±0.10
	22	7/0.254	59.40	0.76	0.78	0.69	2.32	±0.10

Marking: E211048 AWM STYLE 3512 NO. AWG 200℃ 600V SILICONE RUBBER QIFURUI
AWM I A 200℃ 600V FT2 -LF-

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

*PACKAGE				
Part No.	Packing- Ft/roll			
4/0-1AWG	■ 100Ft	□ 250Ft	□ 500Ft	□ 1000Ft
1/0-8AWG	□ 100Ft	■ 250Ft	□ 500Ft	□ 1000Ft
10~16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
18~26AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft
According to customer requirements for packaging packaging				

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

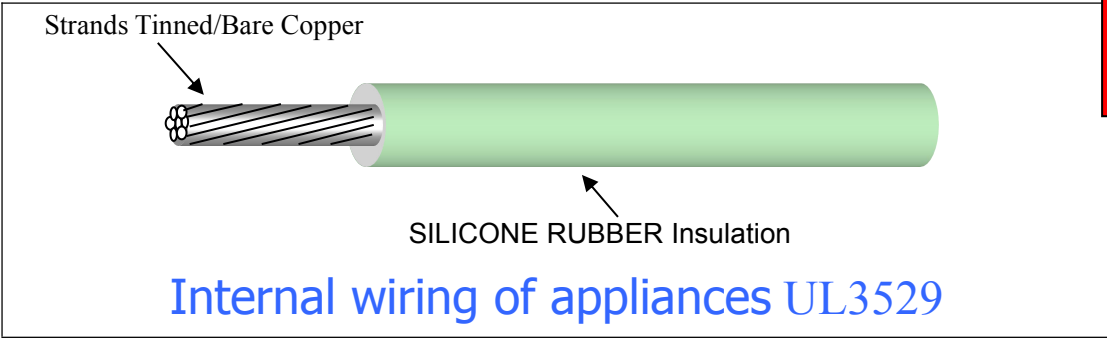
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline



Wire structure description:

Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature： 150℃ rated voltage： 600V								
STYLE	stand ard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conduct or Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3529	8	168/0.254	2.230	3.80	1.52	1.37	6.85	±0.15
	10	105/0.254	3.54	3.00	1.15	1.02	5.30	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	3.95	±0.15
	14	41/0.254	8.96	1.90	0.80	0.69	3.46	±0.15
	16	7/0.49	14.60	1.50	0.80	0.69	3.10	±0.15
	18	7/0.39	23.20	1.19	0.80	0.69	2.80	±0.15
	18	1/1.02	22.20	1.02	0.80	0.69	2.62	±0.15
	20	7/0.30	36.70	0.92	0.80	0.69	2.52	±0.10
	22	7/0.254	59.40	0.76	0.80	0.69	2.36	±0.10
	24	7/0.20	94.20	0.61	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.10	±0.10
Stranded conductor single diameter tolerances±0.005mm; Solid conductor diameter tolerances±0.01mm.								

Marking: E211048 AWM STYLE 3529 NO.AWG 150℃ 600V SILICONE RUBBER
QIFURUI AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09-VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				3F
8~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

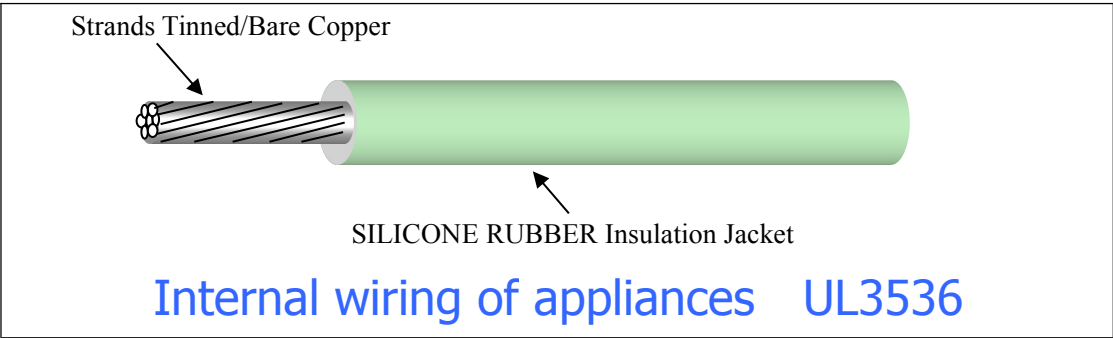
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire
Rated temperature: 150℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3536	10	105/0. 251	3. 54	3. 05	1.15	1.02	5.27	±0.15
	12	65/0. 254	5. 64	2. 36	0.80	0.69	3.95	±0.15
	14	41/0. 254	8. 96	1. 90	0.80	0.69	3.50	±0.15
	16	26/0. 251	14. 60	1. 50	0.80	0.69	3.10	±0.15
	18	30/0. 18	23. 20	1. 13	0.80	0.69	2.75	±0.15
	18	7/0. 39	23. 20	1. 19	0.80	0.69	2.80	±0.15
	20	7/0. 30	36. 70	0. 92	0.80	0.69	2.50	±0.10

Marking: E211048  AWM STYLE 3536 NO.AWG 150℃ 600V SILICONE RUBBER
QIFURUI c AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~20AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

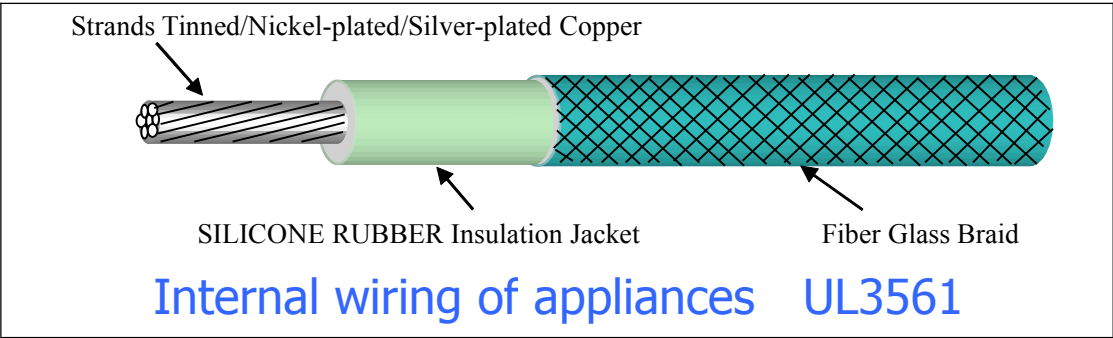
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、 UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Nickel-plated/Silver-plated copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid materials: Fiber glass braid

Internal wiring :Conductor temperature not over 200℃ silicone rubber insulated wire
Rated temperature: 200℃ rated voltage: 5000V

STYLE	standa rd AWG	Conducto r size (No./ mm) ±0.005m m	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Braid thick ness (mm)	Overall diameter (mm)	
					Nom	Min.		Nom	Tole
3561	12	65/0. 254	5. 64	2. 36	1.02	0.92	0.20	4.80	± 0.15
	14	41/0. 254	8. 96	1. 90	1.02	0.92	0.20	4.35	± 0.15
	16	26/0. 254	14. 60	1. 50	1.02	0.92	0.20	3.95	± 0.15
	18	16/0. 254	23. 20	1. 17	1.02	0.92	0.20	3.61	± 0.15

Marking : E211048 AWM STYLE 3561 NO.AWG 200℃ 5000V SILICONE RUBBER QIFURUI AWM I A 200℃ 5000V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
4/0~1AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
2-8AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
10-18AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft

3F

According to customer requirements for packaging packaging

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

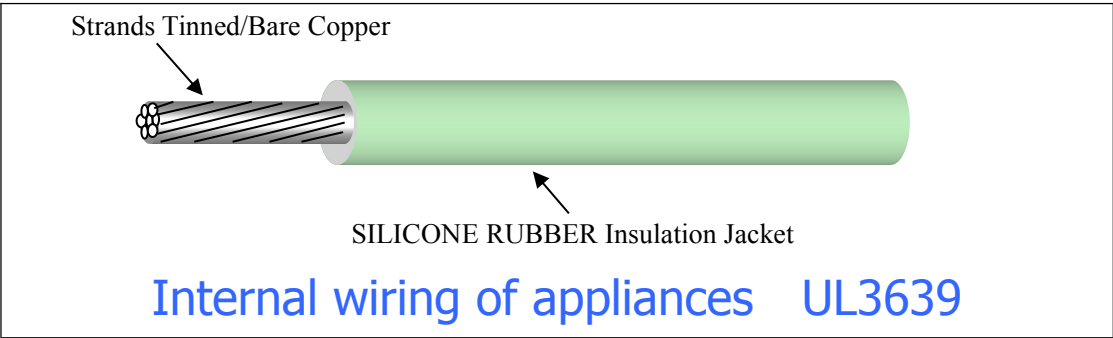
SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 105℃ silicone rubber insulated wire								
Rated temperature: 105℃ rated voltage: 1500V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3639	10	105/0.254	3.55	3.00	0.80	0.69	4.60	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	3.96	±0.15
	14	41/0.254	8.96	1.88	0.80	0.69	3.50	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.15
	18	16/0.254	23.20	1.19	0.80	0.69	2.80	±0.15
	20	21/0.18	36.70	0.92	0.80	0.69	2.52	±0.10
	22	7/0.254	59.40	0.76	0.80	0.69	2.36	±0.10
	24	7/0.20	94.20	0.61	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.10	±0.10
	28	7/0.127	239.00	0.38	0.80	0.69	2.00	±0.10
	30	7/0.10	381.00	0.30	0.80	0.69	1.90	±0.10

Marking: E211048 AWM STYLE 3639NO.AWG 105℃ 1500V SILICONE RUBBER
QIFURUI cAWM I A 105℃ 1500V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				3F
10~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft	
18~30AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

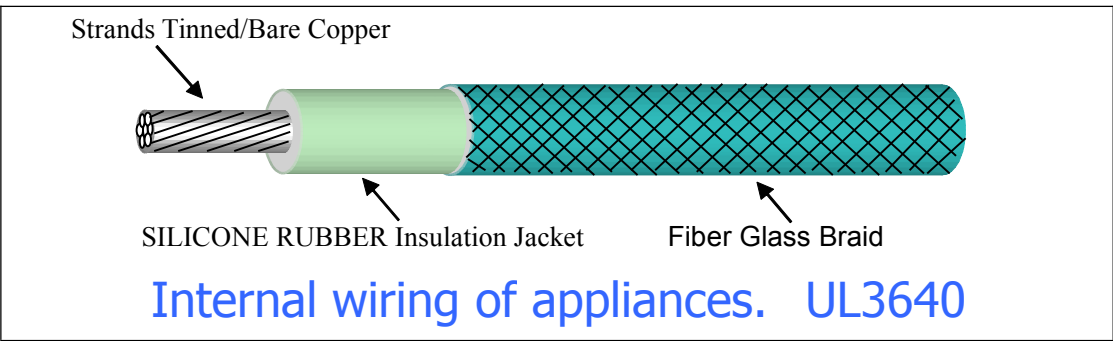
SHOULD BE USED:

Internal wiring of appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 180℃ silicone rubber insulated wire								
Rated temperature: 180℃ rated voltage: 1100V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3640	1	19/44/0.254	0.440	9.72	1.27	1.14	12.66	±0.20
	2	7/95/0.254	0.555	8.58	1.27	1.14	11.52	±0.20
	3	19/28/0.254	0.700	7.75	1.27	1.14	10.69	±0.20
	4	7/60/0.254	0.882	6.82	1.27	1.14	9.76	±0.20
	5	7/46/0.254	1.113	5.97	1.27	1.14	8.91	±0.20
	6	7/38/0.254	1.403	5.41	1.27	1.14	8.35	±0.20
	7	7/30/0.254	1.768	4.82	1.27	1.14	7.76	±0.15
	8	169/0.254	2.230	3.80	1.27	1.14	6.74	±0.15
	10	105/0.254	3.54	3.05	1.27	1.14	5.99	±0.15
	12	65/0.254	5.64	2.41	1.27	1.14	5.35	±0.15
	14	41/0.254	8.96	1.92	1.27	1.14	4.86	±0.15
	16	26/0.254	14.60	1.50	1.27	1.14	4.44	±0.1
Fiber Glass Braid thickness(mm): 0.20mm								

Marking: E211048  AWM STYLE 3640 NO.AWG 180℃ 1100V SILICONE RUBBER QIFURUI c AWM I A 180℃ 1100V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
1-5AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
6-12AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
14-16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Good elasticity, softness
- b、Good adsorption ability
- c、Good heat resistance
- d、Good cold resistance
- e、Good weather
- f、Chemistry stability is good
- j、Good thermal performance
- h、Good flame retardancy

2.Electrical Properties

- a、Electrical insulation good
- b、Has the very high resistivity

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

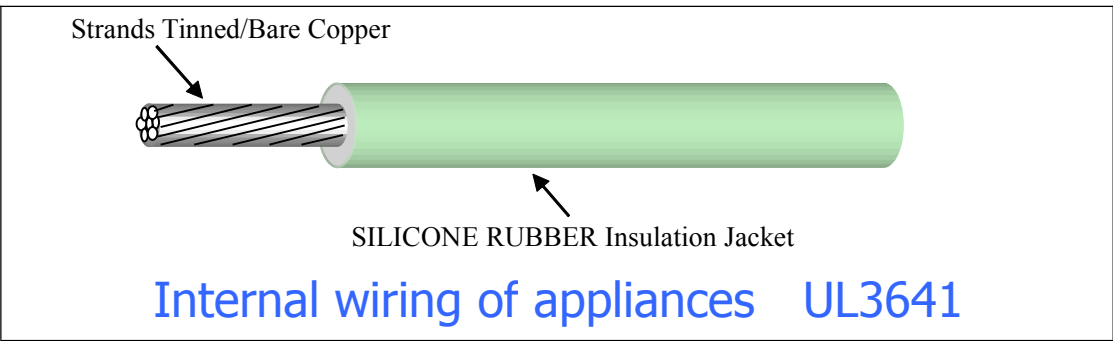
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 180℃ silicone rubber insulated wire Rated temperature: 180℃ rated voltage: 3300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3641	4/0	19/44/0.404	0.172	15.49	1.78	1.60	19.05	±0.30
	3/0	7/37/0.643	0.219	13.54	1.78	1.60	17.10	±0.30
	2/0	19/70/0.254	0.277	12.24	1.78	1.60	15.80	±0.30
	1/0	19/55/0.254	0.349	10.89	1.78	1.60	14.45	±0.30
	01	19/44/0.254	0.440	9.74	1.78	1.60	13.30	±0.20
	02	7/95/0.254	0.555	8.56	1.78	1.60	12.12	±0.20
	04	7/60/0.254	0.882	6.81	1.78	1.60	10.37	±0.20
	06	7/38/0.254	1.403	5.41	1.78	1.60	8.97	±0.20
	08	168/0.254	2.230	3.80	1.78	1.60	7.36	±0.20
	10	105/0.254	3.90	3.05	1.78	1.60	6.61	±0.15
	12	65/0.254	5.64	2.41	1.78	1.60	5.97	±0.15
	14	41/0.254	8.96	1.90	1.78	1.60	5.46	±0.15
	16	26/0.254	14.60	1.50	1.78	1.60	5.06	±0.10

Marking : E211048 AWM STYLE 3641 NO.AWG 180℃ 3300V SILICONE RUBBER 3F AWM I A 180℃ 3300V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
4/0~1AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
2-8AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
10-16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

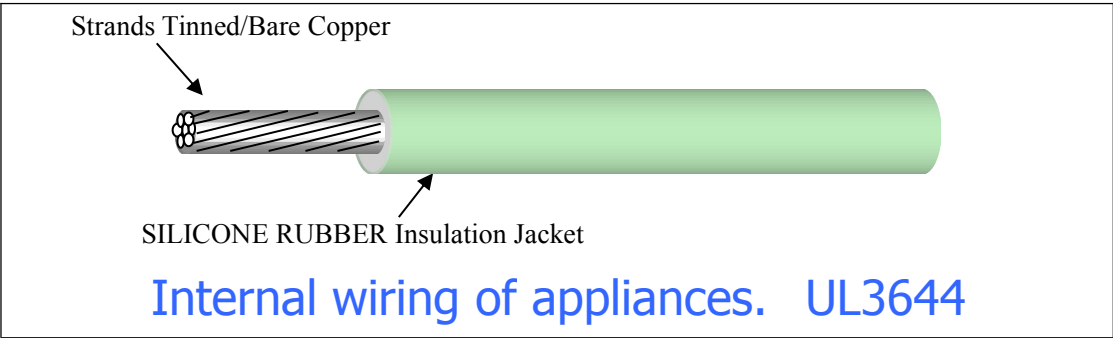
SHOULD BE USED:

Internal Wiring of Appliances where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire Rated temperature: 200℃ rated voltage: 1000V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3644	8	168/0.254	2.230	3.80	1.15	1.02	6.10	±0.15
	8	19/0.75	2.23	3.78	1.15	1.02	6.08	±0.15
	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	10	19/0.61	3.54	3.07	0.80	0.69	4.67	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	3.96	±0.15
	14	41/0.254	8.96	1.90	0.80	0.69	3.50	±0.15
	14	19/0.374	8.96	1.88	0.80	0.69	3.48	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.15
	18	16/0.254	23.20	1.17	0.80	0.69	2.77	±0.15
	20	21/0.18	36.70	0.95	0.80	0.69	2.55	±0.10
	22	17/0.16	59.40	0.76	0.80	0.69	2.36	±0.10
	24	11/0.16	94.20	0.60	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.10	±0.10
	28	7/0.127	239.00	0.38	0.80	0.69	2.00	±0.10
	30	1/0.254	381.00	0.254	0.80	0.69	1.85	±0.10

Marking : E211048  AWM STYLE 3644 NO.AWG 200℃ 1000V SILICONE RUBBER QIFURUI  AWM I A 200℃ 1000V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
8-12AWG	☐ 200Ft	☒ 500Ft	☐ 1000Ft	☐ 2000Ft
14-16AWG	☐ 200Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18-30AWG	☐ 200Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to JG standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

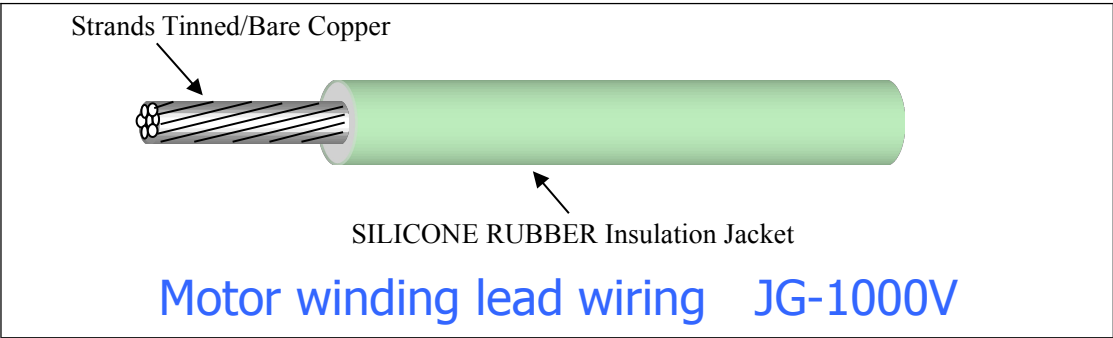
SHOULD BE USED:

Motor winding lead wiring

REFERENCE:

JB/T 6213.4-2006

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

IMotor winding lead wiring							
Rated temperature: 180℃ rated voltage: 1000V							
STYLE	standard mm2	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)		insulation thickness (mm)	Overall diameter (mm)	
			Bare	Tin		Max.	Min.
JG-1000 V	0.5	16/0.20	39.0	40.1	1.40	3.70	4.50
	0.75	24/0.20	26.0	26.7	1.40	3.90	4.70
	1	32/0.20	19.5	20.0	1.40	4.10	4.90
	1.5	30/0.25	13.3	13.7	1.40	4.35	5.20
	2.5	49/0.25	7.98	8.21	1.40	4.85	5.60
	4	56/0.30	4.95	5.09	1.40	5.40	6.30
	6	84/0.30	3.30	3.39	1.50	6.30	7.50
	10	80/0.40	1.91	1.95	1.50	7.20	8.50
	16	127/0.40	1.21	1.24	1.50	8.40	9.60
	25	199/0.40	0.780	0.795	1.60	10.00	11.40
	35	278/0.40	0.554	0.565	1.60	11.25	12.80
	50	398/0.40	0.386	0.393	1.70	13.10	14.80
	70	343/0.51	0.272	0.277	1.80	15.00	17.20
	95	465/0.51	0.206	0.210	2.00	17.20	19.70

Note:Insulation thickness should be no less than the average rating,The point of the thin thickness should be not less than the rating 90%-0.1mm.

Marking: NO MARKING

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
1.5~4.0mm2	☐ 100M	☐ 200M	☒ 500M	
6.0~16mm2	☐ 100M	☒ 200M	☐ 500M	
25~95mm2	☒ 100M	☐ 200M	☐ 500M	
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to JG standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

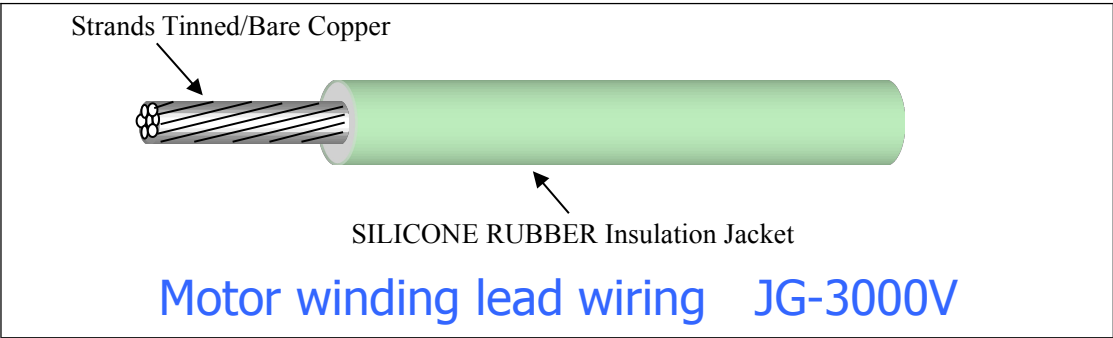
SHOULD BE USED:

Motor winding lead wiring

REFERENCE:

JB/T 6213.4-2006

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

IMotor winding lead wiring
Rated temperature: 180℃ rated voltage: 3000V

STYLE	standard mm2	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)		insulation thickness (mm)	Overall diameter (mm)	
			Bare	Tin		Max.	Min.
JG-3000 V	2.5	49/0.25	7.98	8.21	2.80	7.62	8.50
	4	56/0.30	4.95	5.09	2.80	8.20	9.10
	6	84/0.30	3.30	3.39	2.80	8.78	10.30
	10	80/0.40	1.91	1.95	2.80	9.73	11.30
	16	127/0.40	1.21	1.24	2.80	10.81	12.40
	25	199/0.40	0.780	0.795	2.80	12.12	13.80
	35	278/0.40	0.554	0.565	2.80	13.30	15.20
	50	398/0.40	0.386	0.393	2.80	14.82	17.10
	70	343/0.51	0.272	0.277	2.80	16.51	19.20
	95	465/0.51	0.206	0.210	3.00	18.70	22.00

Note:Insulation thickness should be no less than the average rating,The point of the thin thickness should be not less than the rating 90%-0.1mm.

Marking: NO MARKING

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			3F
1.5~4.0mm2	☐ 100M	☐ 200M	☒ 500M	
6.0~16mm2	☐ 100M	☒ 200M	☐ 500M	
25~95mm2	☒ 100M	☐ 200M	☐ 500M	
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

a、Tensile strength≥5.0MPa;elongation at break≥150%。
After aging:
Condition: 180℃±1℃ /168h
Tensile strength residual rate≥60%, elongation at break≥25%

b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test

c、Low temperature bending: -10℃±2℃, 4h, no crack on the surface of the sample is qualified

2.Electrical Properties

a、Rated temperature: 180℃ Rated voltage: 300/500V

b、Spark test: no breakdown occurs when passing through the test electrode. The spark test voltage was 6KV AC

c、Medium voltage: 2.0KV AC, 60 seconds without breakdown

3.Processing properties

a、Use cold extrusion processing

b、Or use the high temperature vulcanization process

c、Good processing properties Harness

d、Harness processing process good compatibility

e、According to QFR standard design

4.Environmental protection

a、ROHS/REACH compliant

b、Odorless and nontoxic

SHOULD BE USED:

For general purchase internal wiring of appliances and electronic equipments lead wires of motors and lamps where exposed to temperatures not Exceeding 180℃。

REFERENCE:

QFR

Outline:

Strands Tinned/Bare Copper/Nickel plating



SILICONE RUBBER Insulation Jacket

Electrical equipment internal use no sheath cable

QFR S-K

Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Electrical equipment with soft conductor internal temperature of 180 ℃ SILICONE RUBBER insulated cables
Rated temperature: 180℃ rated voltage: 300/500V

Part No.	Standard MM²	Construction Conductor Dia.(mm)	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	jacket thicknes s Nom. (mm)	Overall diameter (mm)	
						Average	Tol.
QFR S-K	0.50	20/0.18	40.10	0.93	0.80	2.55	±0.1
	0.75	1/1.02	22.20	1.02	0.80	2.62	±0.1
		24/0.20	26.70	1.13	0.80	2.73	±0.1
		30/0.18	26.70	1.14	0.80	2.75	±0.1
	1.00	32/0.20	20.00	1.30	0.80	2.90	±0.1
		40/0.18	20.00	1.30	0.80	2.90	±0.1
	1.50	30/0.25	13.70	1.60	0.90	3.40	±0.1
	2.50	50/0.25	8.21	2.00	1.00	4.00	±0.1
	4.00	56/0.30	4.71	2.59	1.20	5.00	±0.2
	6.00	84/0.30	3.14	3.20	1.20	5.60	±0.2

Marking: NO Marking

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- M/roll			
0.5~1.0mm2	☐ 200M	☐ 300M	☒ 500M	
1.25~3.0mm2	☐ 200M	☒ 300M	☐ 500M	
3.0~6.0mm2	☒ 200M	☐ 300M	☐ 500M	
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

a、excellent mechanical properties:

Tensile strength≥5.0MPa, elongation at break≥150%

After aging:

Condition: 200±3.0℃/ 240H

Tensile strength≥4.0MPa, elongation at break≥120%

b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.

c、Low temperature bending: -25℃±2℃/4H ,no crack on the surface of the sample is qualified

2.Electrical Properties

a、rated temperature: -60~180℃ rated voltage: 1500V

b、Spark test：When passing through the test electrode, no breakdown occurs. Spark test voltage is 10KVAC

c、dielectric withstand voltage：5.0KV, 60 seconds without breakdown

3.Processing properties

a、Use cold extrusion processing

b、Or use the high temperature vulcanization process

c、Good processing properties Harness

4.Environmental protection

a、ROHS2.0 compliant

SHOULD BE USED:

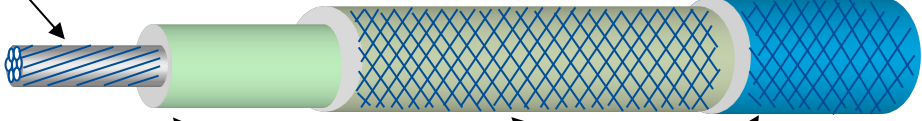
Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

QFR STANDARD

Outline:

Tinned/Bare Copper



SILICONE RUBBER Insulation Jacket

Double-Deck Fiber Glass Braid

Internal Wiring of Appliances QFR-RSB-GG-L-1.5KV

Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: SILICONE RUBBER Insulation

Braid:Double-Deck Fiber Glass Braid

Internal wiring Conductor temperature not over 180℃ silicone rubber insulated wire								
Rated temperature: -60-180℃ rated voltage: 1500V								
STYLE	standard MM2	Conductor size (No./ mm) ±0.005 mm	Conductor resistance 20℃ (Ω /Km)	Conductor Dia.(mm)	insulation thickness (mm)	Double-Dec kFiber Glass Braid thickness (mm)	Overall diameter (mm)	
					Nom		Nom	Tole.
QFR- RSB-G G-L	2.0	37/0.26	9.91	1.80	2.00	0.50	6.80	±0.15
	3.5	45/0.32	5.38	2.50	2.00	0.50	7.50	±0.15
	5.5	35/0.45	3.50	3.10	2.00	0.50	8.10	±0.15
	8.0	50/0.45	2.45	3.70	2.00	0.60	8.90	±0.15
	14.0	88/0.45	1.40	4.90	2.50	0.60	11.10	±0.15
	22.0	7/20/0.45	0.883	7.00	2.50	0.60	13.20	±0.20
	30.0	7/27/0.45	0.654	8.10	2.50	0.60	14.30	±0.20
	38.0	7/34/0.45	0.519	9.10	2.50	0.60	15.30	±0.20

Marking: NO

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

PACKAGE				
Part No.	Packing-M/R			
2.0-5.5MM2	☐ 100M	☐ 200M	☒ 500M	☐ 1000M
8.0-14.0MM2	☐ 100M	☒ 200M	☐ 500M	☐ 1000M
22.0-38.0MM2	☒ 100M	☐ 200M	☐ 500M	☐ 1000M
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

a、excellent mechanical properties:

Tensile strength≥5.0MPa, elongation at break≥150%

After aging:

Condition: 200±3.0℃/ 240H

Tensile strength≥4.0MPa, elongation at break≥120%

b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.

c、Low temperature bending: -25℃±2℃/4H ,no crack on the surface of the sample is qualified

2.Electrical Properties

a、rated temperature: -60~180℃ rated voltage: 3300V

b、Spark test：When passing through the test electrode, no breakdown occurs. Spark test voltage is 10KVAC

c、dielectric withstand voltage：8.0KV, 60 seconds without breakdown

3.Processing properties

a、Use cold extrusion processing

b、Or use the high temperature vulcanization process

c、Good processing properties Harness

4.Environmental protection

a、ROHS2.0 compliant

SHOULD BE USED:

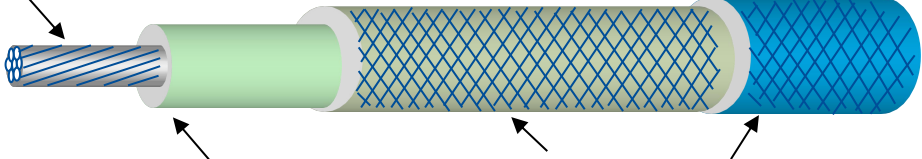
Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

QFR STANDARD

Outline:

Tinned/Bare Copper



SILICONE RUBBER Insulation Jacket

Double-Deck Fiber Glass Braid

Internal Wiring of Appliances QFR-RSB-GG-L-3.3KV

Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: SILICONE RUBBER Insulation

Braid:Double-Deck Fiber Glass Braid

Internal wiring Conductor temperature not over 180℃ silicone rubber insulated wire								
Rated temperature: -60-180℃ rated voltage: 3300V								
STYLE	standard MM2	Conductor size (No./ mm) ±0.005 mm	Conductor resistance 20℃ (Ω /Km)	Conductor Dia.(mm)	insulation thickness (mm)	Double-Dec kFiber Glass Braid thickness (mm)	Overall diameter (mm)	
					Nom		Nom	Tole.
QFR- RSB-G G-L	8.0	50/0.45	2.45	3.70	3.00	0.60	10.90	±0.15
	14.0	88/0.45	1.40	4.90	3.00	0.60	12.10	±0.15
	22.0	7/20/0.45	0.883	7.00	3.00	0.60	14.20	±0.20
	30.0	7/27/0.45	0.654	8.10	3.00	0.60	15.30	±0.20
	38.0	7/34/0.45	0.519	9.10	3.00	0.60	16.30	±0.20

Marking: NO

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

PACKAGE				
Part No.	Packing-M/R			
8.0-14.0MM2	☐ 100M	☒ 200M	☐ 500M	☐ 1000M
22.0-38.0MM2	☒ 100M	☐ 200M	☐ 500M	☐ 1000M



According to customer requirements for packaging packaging

CHARACTER:

1.Physical performance

a、excellent mechanical properties:

Tensile strength≥5.0MPa, elongation at break≥150%

After aging:

Condition: 200±3.0℃/ 240H

Tensile strength≥4.0MPa, elongation at break≥120%

b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.

c、Low temperature bending: -25℃±2℃/4H ,no crack on the surface of the sample is qualified

2.Electrical Properties

a、rated temperature: -60~180℃ rated voltage: 6600V

b、Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 10KVAC

c、dielectric withstand voltage: 15.0KV, 60 seconds without breakdown

3.Processing properties

a、Use cold extrusion processing

b、Or use the high temperature vulcanization process

c、Good processing properties Harness

4.Environmental protection

a、ROHS2.0 compliant

SHOULD BE USED:

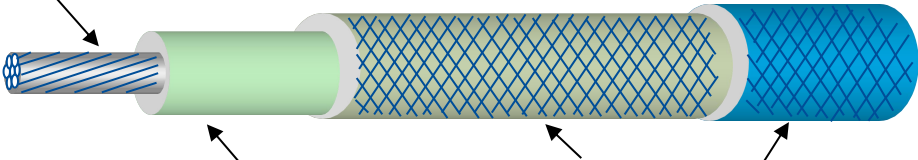
Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

QFR STANDARD

Outline:

Tinned/Bare Copper



SILICONE RUBBER Insulation Jacket

Double-Deck Fiber Glass Braid

Internal Wiring of Appliances QFR-RSB-GG-L-6.6KV

Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: SILICONE RUBBER Insulation

Braid:Double-Deck Fiber Glass Braid

Internal wiring Conductor temperature not over 180℃ silicone rubber insulated wire								
Rated temperature: -60-180℃ rated voltage: 6600V								
STYLE	standard MM2	Conductor size (No./ mm) ±0.005 mm	Conductor resistance 20℃ (Ω /Km)	Conducto r Dia.(mm)	insulation thickness (mm)	Double-Dec kFiber Glass Braid thickness (mm)	Overall diameter (mm)	
					Nom		Nom	Tole.
QFR- RSB-G G-L	8.0	50/0.45	2.45	3.70	5.00	0.60	14.90	±0.15
	14.0	88/0.45	1.40	4.90	5.00	0.60	16.10	±0.15
	22.0	7/20/0.45	0.883	7.00	5.00	0.70	18.40	±0.20
	30.0	7/27/0.45	0.654	8.10	5.00	0.70	19.50	±0.20
	38.0	7/34/0.45	0.519	9.10	5.00	0.70	20.50	±0.20

Marking: NO

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

PACKAGE				
Part No.	Packing-M/R			
8.0-14.0MM2	☐ 100M	☒ 200M	☐ 500M	☐ 1000M
22.0-38.0MM2	☒ 100M	☐ 200M	☐ 500M	☐ 1000M
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

a、excellent mechanical properties:

Tensile strength≥5.0MPa, elongation at break≥150%

After aging:

Condition: 200±3.0℃/ 240H

Tensile strength≥4.0MPa, elongation at break≥120%

b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.

c、Low temperature bending: -25℃±2℃/4H ,no crack on the surface of the sample is qualified

2.Electrical Properties

a、rated temperature: -60~180℃ rated voltage: 600V

b、Spark test：When passing through the test electrode, no breakdown occurs. Spark test voltage is 6KVAC

c、dielectric withstand voltage:
(0.75mm2-8.0mm2) 1.5KV, 60 seconds without breakdown;
(14.0mm2-30.0mm2) 2.0KV, 60 seconds without breakdown;
(38.0mm2) 2.5KV, 60 seconds without breakdown

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness

4.Environmental protection

a、ROHS2.0 compliant

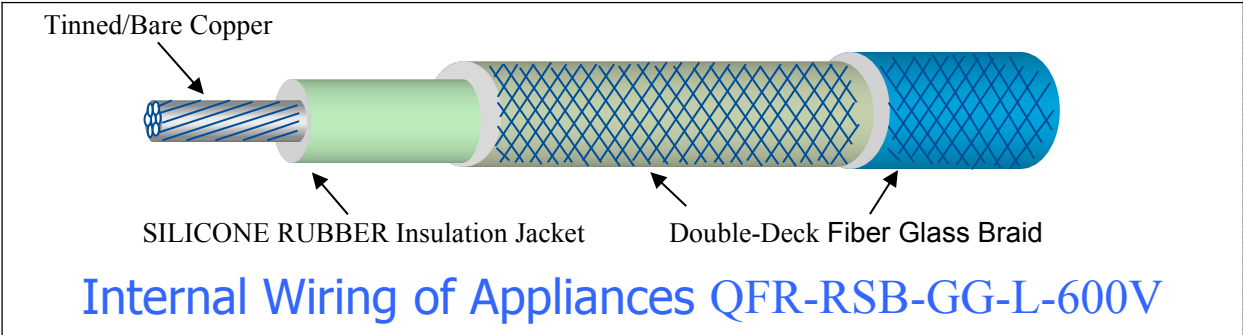
SHOULD BE USED:

Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

QFR STANDARD

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Double-Deck Fiber Glass Braid

Internal wiring Conductor temperature not over 180℃ silicone rubber insulated wire								
Rated temperature: -60-180℃ rated voltage: 600V								
STYLE	standard MM2	Conductor size (No./ mm) ±0.005 mm	Conductor resistance 20℃ (Ω /Km)	Conductor Dia.(mm)	insulation thickness (mm)	Double-Deck Fiber Glass Braid thickness (mm)	Overall diameter (mm)	
					Nom		Nom	Tole.
QFR- RSB-G G-L	0.75	30/0.18	25.8	1.20	1.10	0.50	4.40	±0.10
	1.25	50/0.18	15.5	1.50	1.10	0.50	4.70	±0.10
	2.0	37/0.26	9.91	1.80	1.10	0.50	5.00	±0.15
	3.5	45/0.32	5.38	2.50	1.10	0.50	5.70	±0.15
	5.5	35/0.45	3.50	3.10	1.10	0.50	6.30	±0.15
	8.0	50/0.45	2.45	3.70	1.10	0.50	6.90	±0.15
	14.0	88/0.45	1.40	4.90	1.10	0.60	8.30	±0.15
	22.0	7/20/0.45	0.883	7.00	1.40	0.60	11.0	±0.20
	30.0	7/27/0.45	0.654	8.10	1.40	0.60	12.10	±0.20
	38.0	7/34/0.45	0.519	9.10	1.40	0.60	13.10	±0.20

Marking: NO

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

PACKAGE				
Part No.	Packing-M/R			
0.75-1.25MM2	☐ 100M	☐ 200M	☐ 500M	☒ 1000M
2.0-5.5MM2	☐ 100M	☐ 200M	☒ 500M	☐ 1000M
8.0-14.0MM2	☐ 100M	☒ 200M	☐ 500M	☐ 1000M
22.0-38.0MM2	☒ 100M	☐ 200M	☐ 500M	☐ 1000M
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

a、excellent mechanical properties:

Tensile strength≥5.0MPa, elongation at break≥150%

After aging:

Condition: 200±3.0℃/ 240H

Tensile strength≥4.0MPa, elongation at break≥120%

b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.

c、Low temperature bending: -25℃±2℃/4H ,no crack on the surface of the sample is qualified

2.Electrical Properties

a、rated temperature: -60~180℃ rated voltage: 150V

b、Spark test：When passing through the test electrode, no breakdown occurs. Spark test voltage is 1.5KVAC

c、dielectric withstand voltage：1.5KV, 60 seconds without breakdown;

3.Processing properties

a、Use cold extrusion processing

b、Or use the high temperature vulcanization process

c、Good processing properties Harness

4.Environmental protection

a、ROHS2.0 compliant

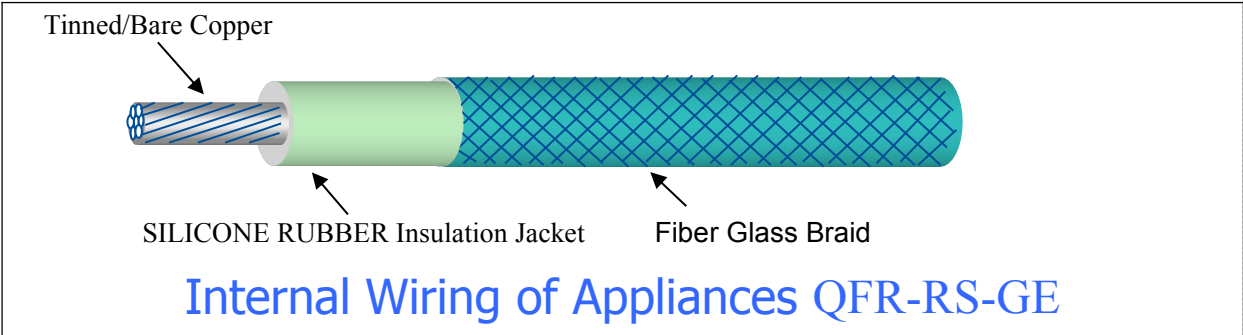
SHOULD BE USED:

Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

QFR STANDARD

Outline:



Wire structure description:	
Conductor:	Tinned /Bare copper
Insulation materials:	SILICONE RUBBER Insulation
Braid:	Fiber Glass Braid

Internal wiring Conductor temperature not over 180℃ silicone rubber insulated wire								
Rated temperature: -60-180℃ rated voltage: 150V								
STYLE	standard MM2	Conductor size (No./ mm) ±0.005 mm	Conductor resistance 20℃ (Ω /Km)	Conductor Dia.(mm)	insulation thickness (mm)	Fiber Glass Braid thickness (mm)	Overall diameter (mm)	
					Nom		Nom	Tole.
QFR-R S-GE	0.30	12/0.18	64.4	0.70	0.35	0.20	1.80	±0.10
	0.50	20/0.18	38.7	1.00	0.35	0.20	2.10	±0.10
	0.75	30/0.18	25.8	1.20	0.35	0.20	2.30	±0.10
	1.25	50/0.18	15.5	1.50	0.35	0.20	2.60	±0.10
	1.50	30/0.25	13.7	1.60	0.35	0.20	3.13	±0.15
	2.00	37/0.26	9.91	1.80	0.45	0.25	3.20	±0.15
	3.50	45/0.32	5.38	2.50	0.50	0.25	4.00	±0.15
	5.50	35/0.45	3.50	3.10	0.50	0.25	4.60	±0.15
	8.00	50/0.45	2.45	3.70	0.70	0.30	5.70	±0.15
	14.0	88/0.45	1.40	4.90	0.80	0.30	7.10	±0.15
	22.0	7/20/0.45	0.883	7.00	1.10	0.40	10.0	±0.20
	30.0	7/27/0.45	0.654	8.10	1.10	0.40	11.10	±0.20
	38.0	7/34/0.45	0.519	9.10	1.30	0.40	12.50	±0.20

Marking: NO

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

PACKAGE				
Part No.	Packing-M/R			
0.30-1.25MM2	☐ 100M	☐ 200M	☐ 500M	☒ 1000M
2.0-5.5MM2	☐ 100M	☐ 200M	☒ 500M	☐ 1000M
8.0-14.0MM2	☐ 100M	☒ 200M	☐ 500M	☐ 1000M
22.0-38.0MM2	☒ 100M	☐ 200M	☐ 500M	☐ 1000M
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

a、excellent mechanical properties:

Tensile strength≥5.0MPa, elongation at break≥150%

After aging:

Condition: 200±3.0℃/ 240H

Tensile strength≥4.0MPa, elongation at break≥120%

b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.

c、Low temperature bending: -25℃±2℃/4H ,no crack on the surface of the sample is qualified

2.Electrical Properties

a、rated temperature: -60~180℃ rated voltage: 150V

b、Spark test：When passing through the test electrode, no breakdown occurs. Spark test voltage is 1.5KVAC

c、dielectric withstand voltage：1.5KV, 60 seconds without breakdown;

3.Processing properties

a、Use cold extrusion processing

b、Or use the high temperature vulcanization process

c、Good processing properties Harness

4.Environmental protection

a、ROHS2.0 compliant

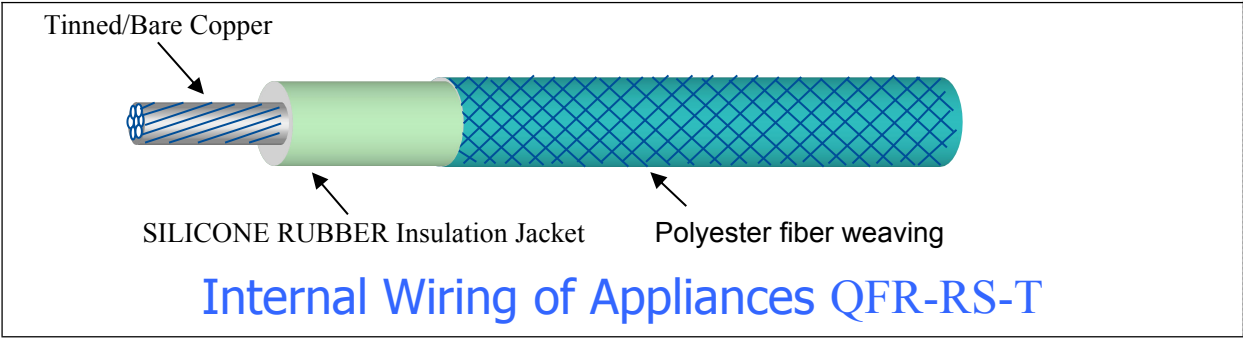
SHOULD BE USED:

Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

QFR STANDARD

Outline:



Wire structure description:	
Conductor:	Tinned /Bare copper ;
Insulation materials:	SILICONE RUBBER Insulation
Braid:	Polyester fiber weaving

Internal wiring Conductor temperature not over 180℃ silicone rubber insulated wire								
Rated temperature: -60-180℃ rated voltage: 150V								
STYLE	standard MM2	Conductor size (No./ mm) ±0.005 mm	Conductor resistance 20℃ (Ω /Km)	Conducto r Dia.(mm)	insulation thickness (mm)	Fiber Glass Braid thickness (mm)	Overall diameter (mm)	
					Nom		Nom	Tole.
QFR- RS-T	0.3	12/0.18	64.4	0.7	0.35	0.15	1.7	±0.10
	0.5	20/0.18	38.7	1.0	0.35	0.15	2.0	±0.10
	0.75	30/0.18	25.8	1.2	0.35	0.15	2.2	±0.10
	1.25	50/0.18	15.5	1.5	0.40	0.15	2.6	±0.10
	2.0	37/0.26	9.91	1.8	0.45	0.20	3.1	±0.15
	3.5	45/0.32	5.38	2.5	0.50	0.20	3.9	±0.15

Marking: NO

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

PACKAGE				
Part No.	Packing-M/R			
2.0-3.5MM2	☐ 200M	☒ 500M	☐ 1000M	☐ 2000M
0.3-1.25MM2	☐ 200M	☐ 500M	☒ 1000M	☐ 2000M
According to customer requirements for packaging packaging				

1.CHARACTER

- a、Maturing mechanical property
- tensile strength>3. 45MPa, elongation at break>100%
- b、Excellent after aging
- 213℃/ 168H, Tensile strength residual rate>60%,
Residual elongation at break>25%
- c、Good cold resistance
- 10±2℃， 4h, There is no crack in the sample

2.Electrical Properties

- a、 Electrical Properties is Good

Rated voltage: 300V; high pressure spark: 3000V;
Electric Strength test2000V

- b. The conductor can support a variety of structures:
Bare copper, tin plated

3.Environmental protection

- a、 ROHS/REACH compliant

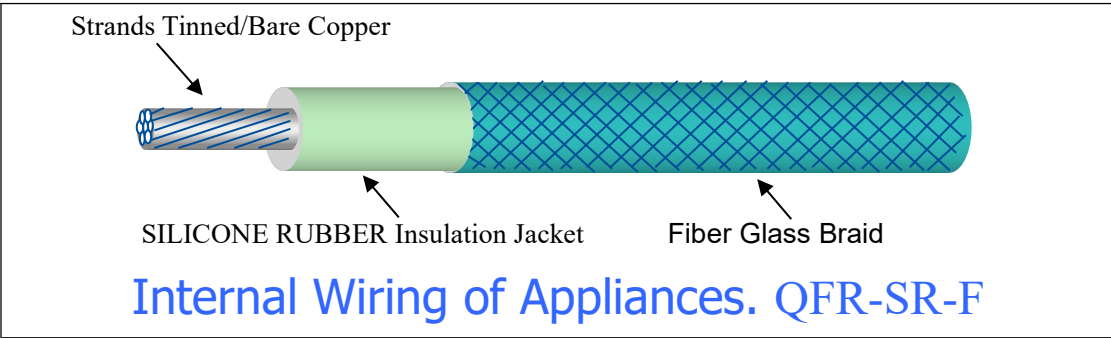
SHOULD BE USED:

Internal wiring

REFERENCE:

QFR

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 180℃ silicone rubber insulated wire							
Rated temperature: —40～180℃ rated voltage: 300V							
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm) Nom.	Overall diameter (mm)	
						Nom.	Tole.
QFR-SR-F	0. 12	7/0. 16	150. 00	0. 48	0. 40	1. 58	±0. 10
	0. 20	11/0. 16	94. 20	0. 61	0. 40	1. 71	±0. 10
	0. 30	12/0. 18	64. 4	0. 7	0. 40	1. 80	±0. 10
	0. 50	20/0. 18	38. 7	1. 0	0. 40	2. 10	±0. 10
	0. 75	30/0. 18	25. 8	1. 2	0. 40	2. 30	±0. 10
	1. 25	50/0. 18	15. 5	1. 5	0. 40	2. 60	±0. 10
	2. 0	37/0. 26	9. 91	1. 8	0. 50	3. 10	±0. 15
	3. 5	45/0. 32	5. 38	2. 5	0. 50	4. 10	±0. 15
Fiber Glass Braid thickness(mm): 0.15mm							

Marking: NO.MM2 QFR-SR-F SILICONE RUBBER 180℃ 300V

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
2. 0-3. 5MM2	☐ 200M	☒ 500M	☐ 1000M	☐ 2000M
0. 12-1. 25MM2	☐ 200M	☐ 500M	☒ 1000M	☐ 2000M
According to customer requirements for packaging packaging				



CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

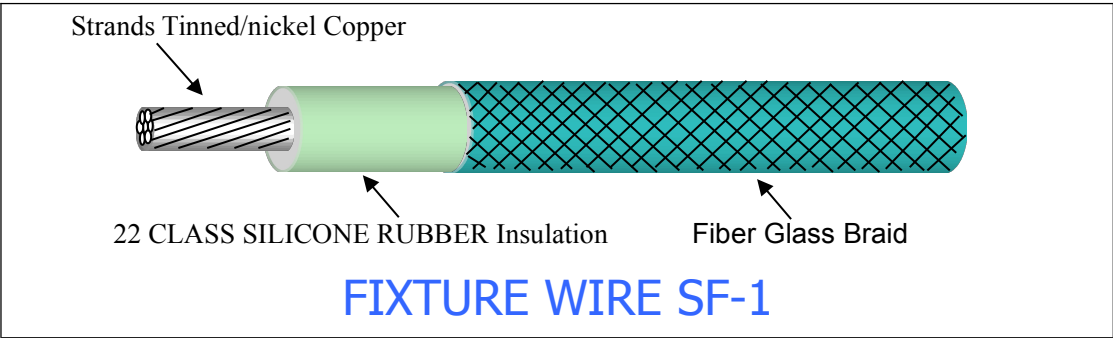
SHOULD BE USED:

FIXTURE WIRE

REFERENCE:

UL62-2001

Outline:



Wire structure description:
Conductor: Tinned /nickel copper ;
Insulation materials: 22 CLASS SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

FIXTURE WIRE								
Rated temperature: 200℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
SF-1	18	1/1. 02	22. 2	1. 02	0.38	0.33	2.18	±0.10
	18	7/0. 39	23. 2	1. 19	0.38	0.33	1.95	±0.10
Fiber Glass Braid thickness(mm): 0.15mm								

Marking : E303816  SF-1 18AWG 200℃ 300V SILICONE RUBBER 3F VW-1-LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

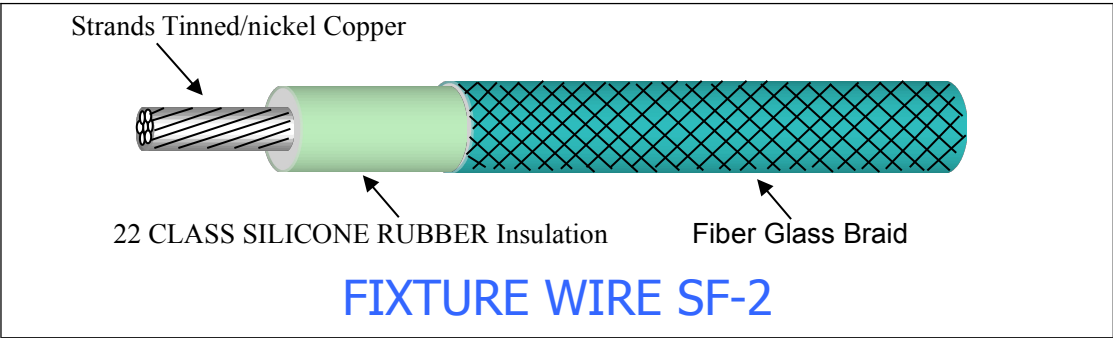
SHOULD BE USED:

FIXTURE WIRE

REFERENCE:

UL62-2001

Outline:



Wire structure description:
Conductor: Tinned /nickel copper ;
Insulation materials: 22 CLASS SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

FIXTURE WIRE								
Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
SF-2	14	1/1. 63	8. 78	1. 63	0.76	0.69	3.55	±0.15
	14	7/0. 616	8. 96	1. 88	0.76	0.69	3.80	±0.15
	16	1/1. 26	14. 0	1. 26	0.76	0.69	3.20	±0.15
	16	7/0. 49	14. 6	1. 50	0.76	0.69	3.40	±0.15
	18	1/1. 02	22. 2	1. 02	0.76	0.69	2.95	±0.15
	18	7/0. 39	23. 2	1. 19	0.76	0.69	3.10	±0.15
Fiber Glass Braid thickness(mm): 0.20mm								

Marking : E303816  SF-2 NO.AWG 200℃ 600V SILICONE RUBBER 3F VW-1-LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
14-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

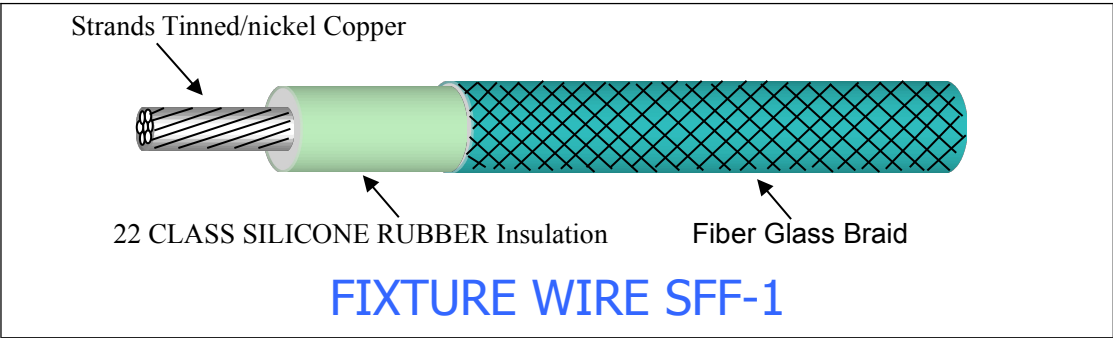
SHOULD BE USED:

FIXTURE WIRE

REFERENCE:

UL62-2001

Outline:



Wire structure description:
Conductor: Tinned /nickel copper ;
Insulation materials: 22 CLASS SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

FIXTURE WIRE								
Rated temperature: 150℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
SFF-1	18	1/1. 02	22. 2	1. 02	0.38	0.33	2.18	±0.10
	18	7/0. 39	23. 2	1. 19	0.38	0.33	1.95	±0.10
Fiber Glass Braid thickness(mm): 0.15mm								

Marking : E303816  SFF-1 18AWG 150℃ 300V SILICONE RUBBER 3F VW-1-LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- Ft/roll				
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good
- j、 Good thermal performance
- h、 Good flame retardancy

2.Electrical Properties

- a、 Electrical insulation good
- b、 Has the very high resistivity

3.Processing properties

- a、 Use cold extrusion processing
- b、 Or use the high temperature vulcanization process
- c、 Good processing properties Harness
- d、 Harness processing process good compatibility
- e、 According to UL standard design

4.Environmental protection

- a、 ROHS/REACH compliant
- b、 Inodorous Atoxic

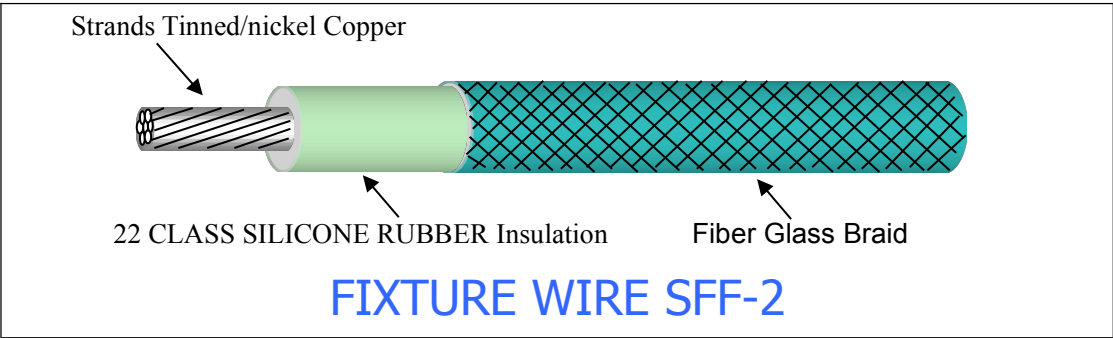
SHOULD BE USED:

FIXTURE WIRE

REFERENCE:

UL62-2001

Outline:



Wire structure description:
Conductor: Tinned /nickel copper ;
Insulation materials: 22 CLASS SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

FIXTURE WIRE								
Rated temperature: 150℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
SFF-2	14	1/1. 63	8. 78	1. 63	0.76	0.69	3.55	±0.15
	14	7/0. 616	8. 96	1. 88	0.76	0.69	3.80	±0.15
	16	1/1. 26	14. 0	1. 26	0.76	0.69	3.20	±0.15
	16	7/0. 49	14. 6	1. 50	0.76	0.69	3.40	±0.15
	18	1/1. 02	22. 2	1. 02	0.76	0.69	2.95	±0.15
	18	7/0. 39	23. 2	1. 19	0.76	0.69	3.10	±0.15
Fiber Glass Braid thickness(mm): 0.20mm								

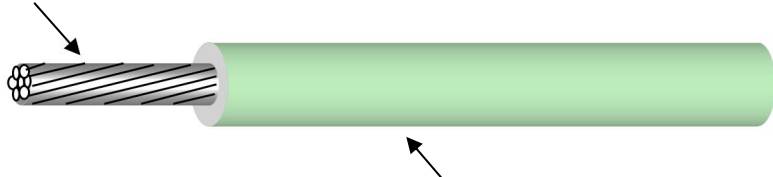
Marking : E303816  SFF-2 NO.AWG 150℃ 600V SILICONE RUBBER 3F VW-1-LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
14-16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

1.characteristic: a、excellent mechanical properties: Tensile strength≥3.45MPa, elongation at break≥100% After aging: Condition: 180±1.0℃/ 168h Tensile strength residual rate≥60% elongation at break≥25% b、Flame retardancy: FT2, horizontal burning, burning once, 30S each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test. c、Low temperature bending: -10℃±2℃ / 4h, no crack on the surface of the sample is qualified 2. Electrical performance a、rated temperature: 150℃ rated voltage: 600V b、Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 6KV c、dielectric withstand voltage: 2.0KV, 60 seconds without breakdown 3. Processing performance a、suitable for all conventional wire harness processing b、If you have special needs, please let us know. 4. Environmental protection a、in line with ROHS/REACH application: Internal wiring of electronic equipment. Guideline: UL758-2014、UL1581-2014 Overview: Internal wiring of electronic equipment to prevent impact and sharp corner bending at high temperatures	Strands Tinned/Bare Copper  SILICONE RUBBER Insulation Jacket Internal Wiring of Appliances. UL3123 Wire structure description: Conductor: Tinned /Bare copper ; Insulation materials: SILICONE RUBBER Insulation Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 600V <table><tr><th rowspan="2">STYLE</th><th rowspan="2">standard AWG</th><th rowspan="2">Conductor size (No./ mm) ±0.005mm</th><th rowspan="2">Conductor resistance 20℃ (Ω/Km)</th><th rowspan="2">Conductor Dia.(mm)</th><th colspan="2">insulation thickness (mm)</th><th colspan="2">Overall diameter (mm)</th></tr><tr><th>Nom.</th><th>Min.</th><th>Nom.</th><th>Tole.</th></tr><tr><td rowspan="10">3123</td><td>16</td><td>7/0.49</td><td>14.60</td><td>1.50</td><td>0.80</td><td>0.69</td><td>3.10</td><td>±0.15</td></tr><tr><td>18</td><td>7/0.39</td><td>23.20</td><td>1.19</td><td>0.80</td><td>0.69</td><td>2.80</td><td>±0.15</td></tr><tr><td>18</td><td>16/0.254</td><td>23.20</td><td>1.17</td><td>0.80</td><td>0.69</td><td>2.78</td><td>±0.15</td></tr><tr><td>20</td><td>7/0.30</td><td>36.70</td><td>0.92</td><td>0.80</td><td>0.69</td><td>2.52</td><td>±0.10</td></tr><tr><td>20</td><td>10/0.254</td><td>36.70</td><td>0.93</td><td>0.80</td><td>0.69</td><td>2.52</td><td>±0.10</td></tr><tr><td>22</td><td>7/0.254</td><td>59.40</td><td>0.76</td><td>0.80</td><td>0.69</td><td>2.36</td><td>±0.10</td></tr><tr><td>24</td><td>7/0.20</td><td>94.20</td><td>0.61</td><td>0.80</td><td>0.69</td><td>2.20</td><td>±0.10</td></tr><tr><td>26</td><td>7/0.16</td><td>150.00</td><td>0.48</td><td>0.80</td><td>0.69</td><td>2.10</td><td>±0.10</td></tr><tr><td>28</td><td>7/0.127</td><td>239.00</td><td>0.38</td><td>0.80</td><td>0.69</td><td>2.00</td><td>±0.10</td></tr><tr><td>30</td><td>7/0.10</td><td>381.00</td><td>0.30</td><td>0.80</td><td>0.69</td><td>1.90</td><td>±0.10</td></tr></table> Sign: 1、Marking: E211048  AWM STYLE 3123 NO.AWG 150℃ 600V SILICONE RUBBER QIFURUI  AWM I A 150℃ 600V FT2 -LF- 2、Label identification: manufacturer, model, specification, rated temperature resistance,rated withstand voltage, insulation material, color, package length,Production Date									STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)		Nom.	Min.	Nom.	Tole.	3123	16	7/0.49	14.60	1.50	0.80	0.69	3.10	±0.15	18	7/0.39	23.20	1.19	0.80	0.69	2.80	±0.15	18	16/0.254	23.20	1.17	0.80	0.69	2.78	±0.15	20	7/0.30	36.70	0.92	0.80	0.69	2.52	±0.10	20	10/0.254	36.70	0.93	0.80	0.69	2.52	±0.10	22	7/0.254	59.40	0.76	0.80	0.69	2.36	±0.10	24	7/0.20	94.20	0.61	0.80	0.69	2.20	±0.10	26	7/0.16	150.00	0.48	0.80	0.69	2.10	±0.10	28	7/0.127	239.00	0.38	0.80	0.69	2.00	±0.10	30	7/0.10	381.00	0.30	0.80	0.69	1.90	±0.10
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)																																																																																																
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UL3123, 18AWG, black, 16/0.254, Tin plating																																																																																																							
SAE COLOR SERIES																																																																																																							
* STOCK COLOR CHART																																																																																																							
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16AWG		□ 200Ft	□ 500Ft	■ 1000Ft	□ 2000Ft																																																																																																		
18~30AWG		□ 200Ft	□ 500Ft	□ 1000Ft	■ 2000Ft																																																																																																		
According to customer requirements for packaging packaging																																																																																																							

CHARACTER:

1.Physical performance

a、Tensile strength≥3.45MPa;elongation at break≥100%。

After aging:

Condition: 180℃±1℃ /168h

Tensile strength residual rate≥60%, elongation at break≥25%

b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test

c、Low temperature bending: —10℃±2℃, 4h, no crack on the surface of the sample is qualified

2.Electrical Properties

a、Rated temperature: 150℃ Rated voltage: 300V

b、Spark test: no breakdown occurs when passing through the test electrode. The spark test voltage was 3KV AC

c、Medium voltage: 2.0KV AC, 60 seconds without breakdown

3.Processing properties

a、Suitable for all conventional wiring harness processing technology

b、Please let us know if you have any special requirements

4.Environmental protection

a、ROHS/REACH compliant

SHOULD BE USED:

Internal wiring of appliances where totally enclosed.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Internal installation of wire, to prevent impact, high temperature acute Angle bending

3Fproduct code:

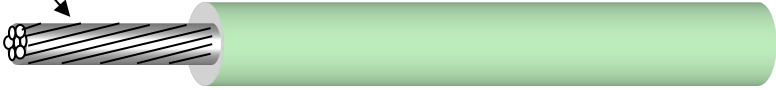
eg: 31322000-10
UL3132, 20AWG, BLACK, 10/0.254, Tinned

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
6~10AWG	☐ 250Ft	☒ 500Ft	☐ 1000Ft	☐ 2000Ft
12~16AWG	☐ 250Ft	☐ 500Ft	☒ 1000Ft	☐ 2000Ft
18~30AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

Strands Tinned/Bare Copper  SILICONE RUBBER Insulation Jacket Internal wiring of appliances UL3132								
Wire structure description: Conductor: Tinned /Bare copper ; Insulation materials: SILICONE RUBBER Insulation								
Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire Rated temperature: 150℃ rated voltage: 300V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conducto r resistanc e 20℃ (Ω/Km)	Conduct or Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3132	6	7/38/0.254	1.403	5.41	1.15	1.02	7.71	±0.15
		7/150/0.127	1.403	5.43	1.15	1.02	7.73	±0.15
	8	168/0.254	2.23	3.80	1.15	1.02	6.10	±0.15
		19/35/0.127	2.23	4.34	1.15	1.02	6.64	±0.15
	10	105/0.254	3.54	3.00	1.15	1.02	5.3	±0.15
	12	65/0.251	5.64	2.34	0.60	0.54	3.54	±0.10
	14	41/0.251	8.96	1.86	0.55	0.50	2.96	±0.10
		41/0.254	8.96	1.88	0.55	0.50	2.98	±0.10
		7/0.616	8.96	1.88	0.55	0.50	2.98	±0.10
	16	26/0.254	14.6	1.49	0.40	0.33	2.29	±0.10
		26/0.251	14.6	1.48	0.40	0.33	2.28	±0.10
		65/0.16	14.6	1.50	0.40	0.33	2.3	±0.10
		7/0.49	14.6	1.50	0.40	0.33	2.3	±0.10
		50/0.18	14.6	1.47	0.40	0.33	2.27	±0.10
	18	16/0.254	23.2	1.17	0.40	0.33	1.97	±0.10
		7/0.39	23.2	1.19	0.40	0.33	1.99	±0.10
		41/0.16	23.2	1.18	0.40	0.33	1.98	±0.10
		34/0.18	23.2	1.21	0.40	0.33	2.01	±0.10
		30/0.18	23.2	1.14	0.40	0.33	1.94	±0.10
	20	1/1.02	22.2	1.02	0.40	0.33	1.82	±0.10
		10/0.254	36.7	0.93	0.46	0.33	1.85	±0.10
		21/0.18	36.7	0.95	0.46	0.33	1.87	±0.10
		1/0.813	35.2	0.81	0.46	0.33	1.73	±0.10
		7/0.30	36.7	0.92	0.46	0.33	1.84	±0.10
	22	26/0.16	36.7	0.94	0.46	0.33	1.86	±0.10
		7/0.254	59.4	0.78	0.46	0.33	1.7	±0.10
		17/0.16	59.4	0.76	0.46	0.33	1.68	±0.10
		1/0.65	56.4	0.65	0.46	0.33	1.57	±0.10
	24	7/0.26	59.4	0.79	0.46	0.33	1.71	±0.10
		7/0.20	94.2	0.61	0.40	0.33	1.41	±0.10
		11/0.16	94.2	0.61	0.40	0.33	1.41	±0.10
	26	1/0.51	89.3	0.51	0.40	0.33	1.31	±0.10
		7/0.16	150	0.48	0.40	0.33	1.28	±0.10
	28	7/0.12	239	0.37	0.40	0.33	1.17	±0.10
		7/0.127	239	0.38	0.40	0.33	1.18	±0.10
	30	7/0.10	381	0.30	0.40	0.33	1.1	±0.10

Marking : E211048  AWM STYLE 3132 NO.AWG 150℃ 300V SILICONE RUBBER QIFURUI  AWM I A 150℃ 300V FT2 -LF-

- 1.Characteristic:
- a、excellent mechanical properties:

Tensile strength≥3.45MPa, elongation at break≥100%

After aging:

Condition: 232±1.0℃/ 168H

Tensile strength residual rate≥60% elongation at break≥25%
- b、Flame retardancy:

FT2, horizontal burning, burning once, 30S each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.
- c、Low temperature bending:

-10℃±2℃ / 4H, no crack on the surface of the sample is qualified

2. Electrical performance

- a、rated temperature: 200℃ rated voltage: 600V
- b、Spark test:

When passing through the test electrode, no breakdown occurs. Spark test voltage is 6KV
- c、dielectric withstand voltage:

2.0KV, 60 seconds without breakdown

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

SHOULD BE USED:

Internal Wiring of Appliances

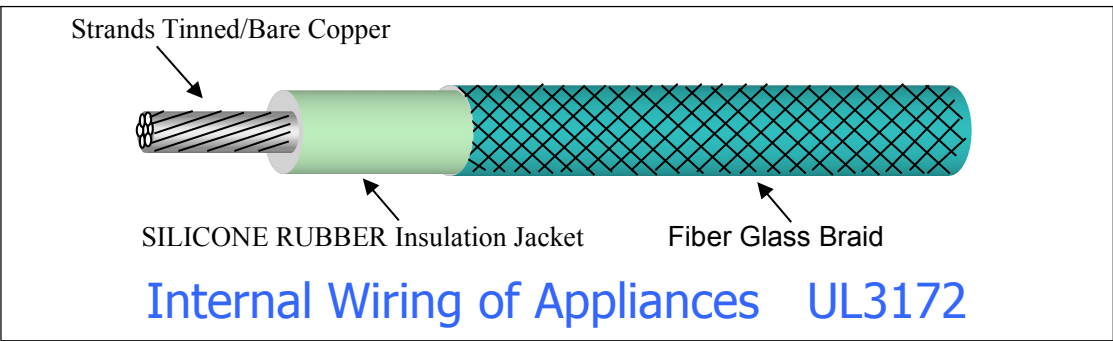
REFERENCE:

UL758-2010、UL1581-2009

Outline:

3Fproduct code:

E.g: 31722200-07
3172, 22AWG, black, 7/0.254, Tinned plated



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3172	18	7/0. 39	23. 20	1. 19	0.80	0.69	3.20	±0.15
	20	7/0. 30	36. 70	0. 92	0.80	0.69	2.82	±0.15
		10/0. 254	36. 70	0. 93	0.80	0.69	2.83	±0.15
		26/0. 16	36. 70	0. 94	0.80	0.69	2.84	±0.15
	22	7/0. 254	59. 40	0. 78	0.80	0.69	2.68	±0.15
		41/0. 10	59. 40	0. 74	0.80	0.69	2.64	±0.15
		65/0. 08	59. 40	0. 74	0.80	0.69	2.64	±0.15
	24	7/0. 20	94. 20	0. 61	0.80	0.69	2.51	±0.10
Fiber Glass Braid thickness(mm): 0.15mm(26~20AWG) 0.20mm(18AWG)								

Marking: E211048 AWM STYLE 3172 NO.AWG 200℃ 600V SILICONE RUBBER
QIFURUI cAWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	☒ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Tensile strength≥3.45MPa;elongation at break≥100%。

After aging:

Condition: 180℃±1℃ /168h

Tensile strength residual rate≥60%， elongation at break≥25%
- b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test
- c、Low temperature bending: —10℃±2℃，4h, no crack on the surface of the sample is qualified

2.Electrical Properties

- a、Rated temperature: 150℃ Rated voltage: 600V
- b 、Spark test: no breakdown occurs when passing through the test electrode. The spark test voltage was 6KV
- c、Medium voltage: 2.0KV , 60 seconds without breakdown

3.Processing properties

- a、Suitable for all conventional wiring harness processing technology
- b、Good wire harness processing performance
- c、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant

Application:

Motor wires or internal wiring of household appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:

3F product code:

Eg: 33012000-21
UL3301, 20AWG, Black, 21/0.18, Tinned

Strands Tinned/Bare Copper



SILICONE RUBBER

Fiber Glass Braid

Motor Leads or Internal Wiring of Appliances.

UL3301

Wire structure description:

Conductor: Tinned /Bare copper
Insulation materials: SILICONE RUBBER Insulation

Internal wiring Conductor temperature not over 150℃ silicone rubber insulated wire								
Rated temperature: 150℃ rated voltage:600V								
型号	规格 AWG	导体结构 (支/mm) ±0.005mm	导体电阻 20℃ (Ω /Km)	导体直径 (mm)	绝缘厚度 (mm)		完成外径 (mm)	
					平均值	最小值	平均值	公差
3301	4/0	19/44/0.404	0.172	15.48	2.29	2.06	20.06	±0.30
	3/0	19/87/0.254	0.219	13.68	2.29	2.06	18.26	±0.30
	2/0	19/70/0.254	0.277	12.26	2.29	2.06	16.84	±0.30
	1/0	19/55/0.254	0.349	10.88	1.78	1.60	14.44	±0.30
	1	19/44/0.254	0.440	9.72	1.78	1.60	13.28	±0.20
	2	7/95/0.254	0.555	8.58	1.78	1.60	12.14	±0.20
	4	7/60/0.254	0.882	6.82	1.40	1.27	9.62	±0.20
	6	7/38/0.254	1.403	5.41	1.40	1.27	8.21	±0.20
	8	168/0.254	2.23	3.80	1.02	0.91	5.84	±0.15
	10	105/0.254	3.54	3.00	1.02	0.91	5.04	±0.15
	12	65/0.254	5.64	2.37	1.02	0.91	4.41	±0.15
	14	41/0.254	8.96	1.88	1.02	0.91	3.92	±0.15
	16	26/0.254	14.6	1.50	1.02	0.91	3.54	±0.10
	18	16/0.254	23.2	1.17	1.02	0.91	3.21	±0.10
	18	34/0.18	23.2	1.21	1.02	0.91	3.25	±0.10
	18	7/0.39	23.2	1.19	1.02	0.91	3.23	±0.10
	20	21/0.18	36.7	0.95	1.02	0.91	2.99	±0.10
Woven thickness: 0.20mm								

Marking: E211048 AWM STYLE 3301 NO.AWG 150℃ 600V SILICONE RUBBER
QIFURUI AWM I A 150℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

包装

*PACKAGE					
Part No.	Packing- Ft/roll				3F
4/0-1/0AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft	
1-6AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft	
8-16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft	
18-20AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging					

CHARACTER:

1.Physical performance

- a、Tensile strength≥3.45MPa;elongation at break≥100%。
After aging:
Condition: 232℃±1℃ /168h
Tensile strength residual rate≥60%, elongation at break≥25%
- b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test
- c、Low temperature bending: -10℃±2℃, 4h, no crack on the surface of the sample is qualified

2.Electrical Properties

- a、Rated temperature: 200℃ Rated voltage: 600V
- b、Spark test: no breakdown occurs when passing through the test electrode. The spark test voltage was 6KV
- c、Medium voltage: 2.0KV , 60 seconds without breakdown

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

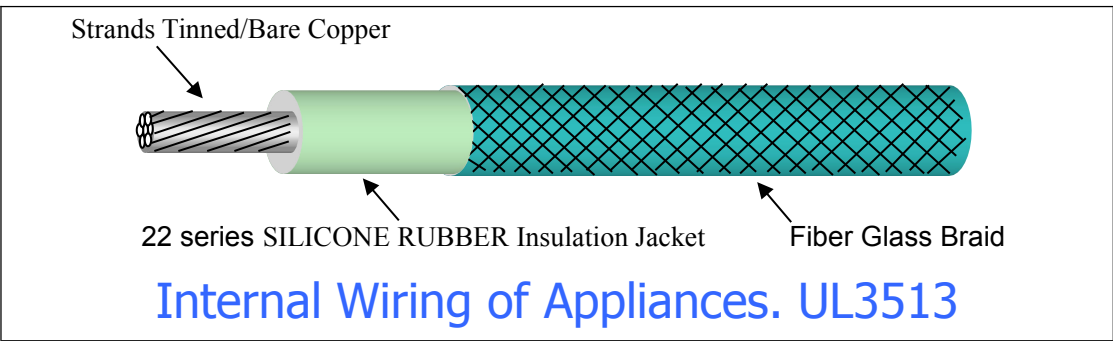
SHOULD BE USED:

Lead wire for hazardous location motors or internal wiring of appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: 22 series SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 200℃ silicone rubber insulated wire								
Rated temperature: 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3513	0.50	16/0.2	40.1	0.92	0.76	0.69	2.74	±0.15
	1.00	40/0.18	20.00	1.30	0.76	0.69	3.13	±0.15
	1.25	50/0.18	15.10	1.50	0.76	0.69	3.30	±0.15
	1.50	30/0.25	13.70	1.60	0.76	0.69	3.43	±0.15
	2.00	41/0.254	9.50	1.90	0.76	0.69	3.70	±0.15
	2.50	49/0.25	8.21	2.00	0.76	0.69	3.97	±0.15
	4.00	56/0.30	5.09	2.60	0.76	0.69	4.41	±0.15
	5.00	105/0.254	4.02	2.96	1.15	1.01	5.57	±0.15
	6.00	84/0.30	3.39	3.20	1.15	1.01	5.78	±0.15
	10.0	80/0.40	1.88	4.13	1.52	1.37	7.47	±0.15
	16.0	7/18/0.40	1.72	5.90	1.52	1.37	9.22	±0.15
	25.0	7/28/0.40	1.081	7.40	1.52	1.37	10.67	±0.20
	35.0	1/44/0.4+6 /39/0.4	0.538	8.83	1.52	1.37	12.17	±0.20
	50.0	19/21/0.4	0.375	10.59	2.03	1.83	14.95	±0.30
	70.0	19/30/0.4	0.277	12.65	2.03	1.83	17.01	±0.30
	95.0	19/25/0.50	0.200	14.44	2.03	1.93	18.80	±0.30
	120.0	19/32/0.50	0.156	16.33	2.41	2.16	21.45	±0.40
Fiber Glass Braid thickness(mm): 0.15mm								

Marking: E211048 AWM STYLE 3513 NO.MM² 200℃ 600V SILICONE RUBBER QIFURUI c AWM I A 200℃ 600V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
0.5~1.0mm2	☐ 152.5M	☐ 305M	☒ 610M	
1.25~4.00mm2	☐ 152.5M	☒ 305M	☐ 610M	
6.00~10.00mm2	☒ 152.5M	☐ 305M	☐ 610M	
16.00~120.00mm2	☒ 76.25M	☐ 305M	☐ 610M	
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、**excellent mechanical properties:**
Tensile strength≥3.45MPa, elongation at break≥100%
After aging:
Condition: 232±1.0℃/ 168h
Tensile strength residual rate≥60% elongation at break≥25%
- b、**Flame retardancy:** FT2, horizontal burning, burning once, 30S each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.
- c、**Low temperature bending:** -10℃±2℃ / 4H, no crack on the surface of the sample is qualified

2.Electrical Properties

- a、**rated temperature:** 150 or 200℃ **rated voltage:** 600V
- b、**Spark test:** When passing through the test electrode, no breakdown occurs. Spark test voltage is 6KV
- c、**dielectric withstand voltage:** 2.0KV, 60 seconds without breakdown

3.Processing properties

- a、suitable for all conventional wire harness processing
- b、If you have special needs, please let us know.

4.Environmental protection

- a、ROHS/REACH compliant

SHOULD BE USED:

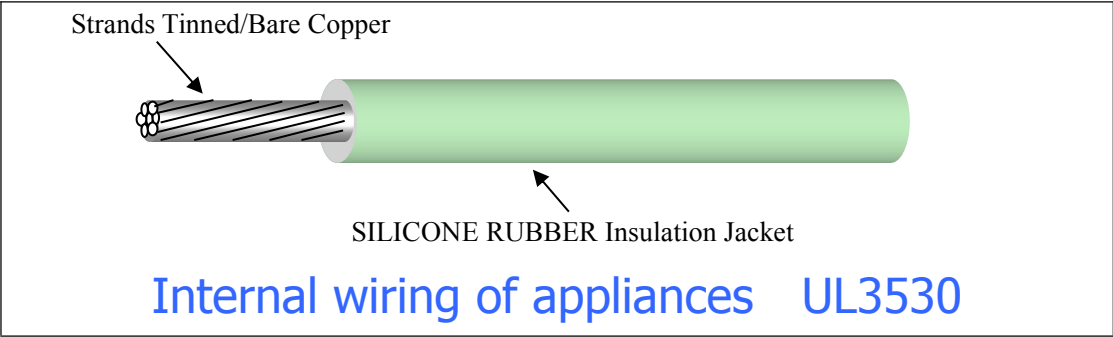
Internal wiring of electronic equipment.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Internal wiring of electronic equipment to prevent impact and sharp corner bending at high temperatures



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation

Internal wiring 。 Conductor temperature not over 150/200℃ silicone rubber insulated wire Rated temperature: 150 or 200℃ rated voltage: 600V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3530	2	7/95/0.254	0.555	8.58	1.52	1.37	11.62	±0.20
	4	7/60/0.254	0.882	6.82	1.52	1.37	9.86	±0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.15
	8	168/0.254	2.230	3.80	1.52	1.37	6.85	±0.15
	10	105/0.251	3.54	3.05	1.15	1.02	5.30	±0.15
	12	65/0.251	5.64	2.36	0.80	0.69	3.95	±0.15
	14	41/0.251	8.96	1.90	0.80	0.69	3.46	±0.15
	16	26/0.251	14.60	1.50	0.80	0.69	3.10	±0.15
	18	7/0.39	23.20	1.19	0.80	0.69	2.80	±0.15
	20	7/0.30	36.70	0.92	0.80	0.69	2.52	±0.10
	22	7/0.254	59.40	0.76	0.80	0.69	2.36	±0.10
	24	7/0.20	94.20	0.61	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.10	±0.10

Marking: E211048 AWM STYLE 3530 NO.AWG 150℃ 600V SILICONE RUBBER QIFURUI AWM I A 150℃ 600V FT2 -LF-
E211048 AWM STYLE 3530 NO.AWG 200℃ 600V SILICONE RUBBER QIFURUI AWM I A 200℃ 600V FT2 -LF-

3F product code:

Eg.: 35301000-105
UL3530, 10AWG, black, 105/0.254, Tinned

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
2~4AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
06~08AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
10~16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
18~26AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft
According to customer requirements for packaging packaging				

- 1.characteristic:**
- a、 excellent mechanical properties:**
Tensile strength≥3.45MPa, elongation at break≥100%
After aging:
Condition: 158±1.0℃/ 60 天
Tensile strength residual rate≥60% elongation at break≥25%
- b、 Flame retardancy:** FT2, horizontal burning, burning once, 30S each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test.
- c、 Low temperature bending:** -10℃±2℃ / 4H, no crack on the surface of the sample is qualified

- 2. Electrical performance**
- a、 rated temperature: 150℃ rated voltage: 600V
- b、 Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 6KV
- c、 dielectric withstand voltage: 2.0KV, 60 seconds without breakdown

- 3. Processing performance**
- a、 suitable for all conventional wire harness processing
- b、 If you have special needs, please let us know.

- 4. Environmental protection**
- a、 in line with ROHS/REACH

application:

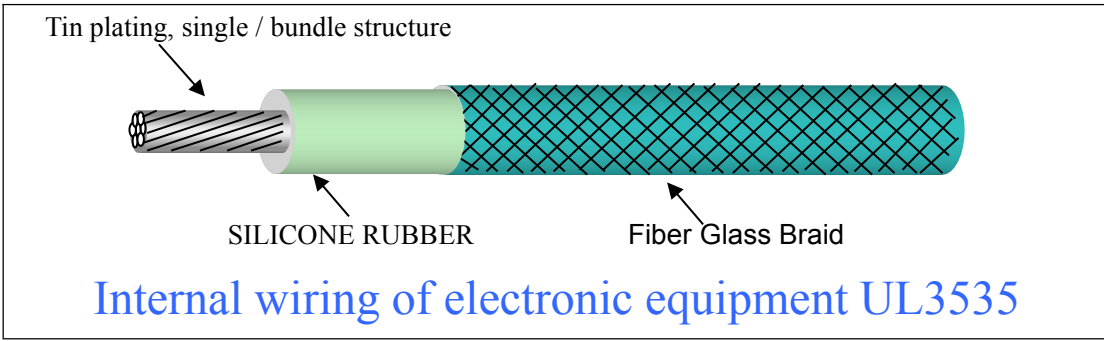
Internal wiring of electronic equipment.

Guideline:

UL758-2014、UL1581-2014

Overview:

Internal wiring of electronic equipment to prevent impact and sharp corner bending at high temperatures



Structure description:

Conductor structure: Tinned conductor, single / bundle structure
nsulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid

Internal wiring 。 Conductor temperature not over 150℃ silicone rubber insulated wire									
Rated temperature:150℃ rated voltage: 600V									
STYLE	stand ard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Cond uctor Dia.(mm)	insulation thickness (mm)		Fiber Glass Braid (mm)	Overall diameter (mm)	
					Nom	Min		Nom	Tole.
3535	6	7/38/0.254	1.403	5.43	1.52	1.37	0.20	8.85	±0.20
	8	168/0.254	2.230	3.80	1.15	1.02	0.20	6.50	±0.20
	10	105/0.254	3.54	3.0	1.15	1.02	0.20	5.70	±0.15
	12	65/0.254	5.64	2.37	0.80	0.69	0.20	4.37	±0.15
	14	41/0.254	2.04	1.88	0.80	0.69	0.20	3.88	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	0.15	3.40	±0.15
	16	7/0.49	14.60	1.50	0.80	0.69	0.15	3.40	±0.15
	18	16/0.254	23.20	1.17	0.80	0.69	0.15	3.07	±0.15
	18	41/0.16	23.20	1.18	0.80	0.69	0.15	3.08	±0.15
	18	34/0.18	23.20	1.21	0.80	0.69	0.15	3.11	±0.15
	20	21/0.18	36.70	0.95	0.80	0.69	0.15	2.85	±0.15
	20	7/0.3	36.70	0.92	0.80	0.69	0.15	2.82	±0.15

Sign:

1、Printing: E211048 AWM STYLE 3535 NO.AWG 150℃ 600V SILICONE RUBBER QIFURUI AWM I A 150℃ 600V FT2 -LF-

2、Label identification: manufacturer, model, specification, rated temperature resistance,rated withstand voltage, insulation material, color, package length,Production Date

3Fproduct code:

E.g: 35351000U-105

UL3535, 10AWG, black, 105/0.254, Tin plating

SAE COLOR SERIES				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE				
*PACKAG				
Part No.	Packing- FT/roll			
6-8AWG	■ 250Ft	□ 500F	□ 1000Ft	□ 2000Ft
10-12AWG	□ 250Ft	■ 500F	□ 1000Ft	□ 2000Ft
16-20AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
According to customer requirements for packaging packaging				

CHARACTER:

1.Physical performance

- a、Tensile strength≥3.45MPa;elongation at break≥100%。
After aging:
Condition: 213℃±1℃ /168h
Tensile strength residual rate≥60%, elongation at break≥25%
- b、Flame retardancy: FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test
- c、Low temperature bending: -10℃±2℃, 4h, no crack on the surface of the sample is qualified

2.Electrical Properties

- a、Rated temperature: 180℃ Rated voltage: 6900V
- b、Spark test: no breakdown occurs when passing through the test electrode. The spark test voltage was 13.8KV
- c、Medium voltage: 14.8KV , 60 seconds without breakdown

3.Processing properties

- a、Use cold extrusion processing
- b、Or use the high temperature vulcanization process
- c、Good processing properties Harness
- d、Harness processing process good compatibility
- e、According to UL standard design

4.Environmental protection

- a、ROHS/REACH compliant
- b、Inodorous Atoxic

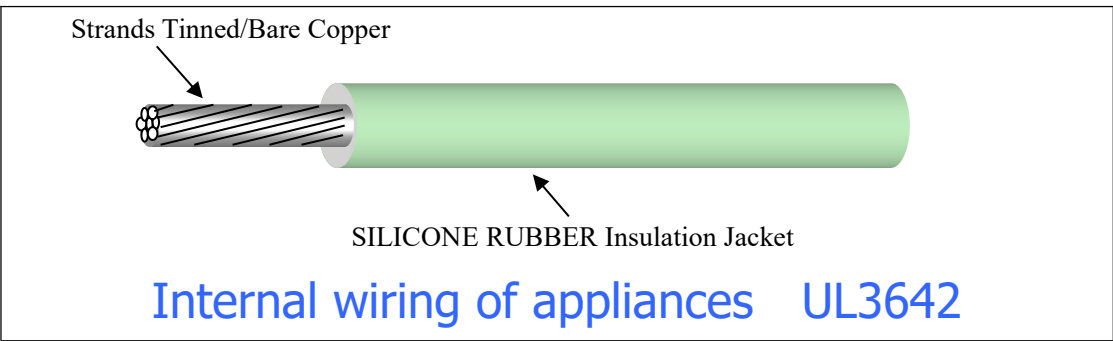
SHOULD BE USED:

Internal wiring of appliances

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: SILICONE RUBBER Insulation
Braid:Fiber Glass Braid(OPTIONAL)

Internal wiring 。 Conductor temperature not over 180℃ silicone rubber insulated wire								
Rated temperature: 180℃ rated voltage: 6900V								
STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Nom.	Tole.
3642	4/0	19/44/0.404	0.172	15.49	2.18	1.96	20.25	±0.30
	3/0	7/37/0.643	0.219	13.54	2.18	1.96	17.9	±0.30
	2/0	19/70/0.254	0.277	12.24	2.18	1.96	16.6	±0.30
	1/0	19/55/0.254	0.349	10.89	2.18	1.96	15.25	±0.30
	01	19/44/0.254	0.440	9.74	2.18	1.96	14.1	±0.20
	02	7/95/0.254	0.555	8.56	2.18	1.96	12.92	±0.20
	04	7/60/0.254	0.882	6.81	2.18	1.96	11.17	±0.20
	06	7/38/0.254	1.403	5.41	2.18	1.96	9.77	±0.15
	08	168/0.254	2.230	3.80	2.18	1.96	8.16	±0.15
	10	105/0.254	3.90	3.05	2.18	1.96	7.41	±0.15
	12	65/0.254	5.64	2.41	2.18	1.96	6.77	±0.15
	14	41/0.254	8.96	1.90	2.18	1.96	6.26	±0.15
	16	26/0.254	14.60	1.50	2.18	1.96	5.86	±0.15
*Fiber Glass Braid thickness(mm): 0.20mm								

Marking : E211048 AWM STYLE 3642 NO.AWG 180℃ 6900V SILICONE RUBBER QIFURUI AWM I A 180℃ 6900V FT2 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
4/0~1AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
2-8AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
10-16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
According to customer requirements for packaging packaging				