

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: 3300V
- b、Spark test: no breakdown occurs when passing through the test electrode. The spark test voltage was 6.6KV
- c、Medium voltage: 7.6KV , 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

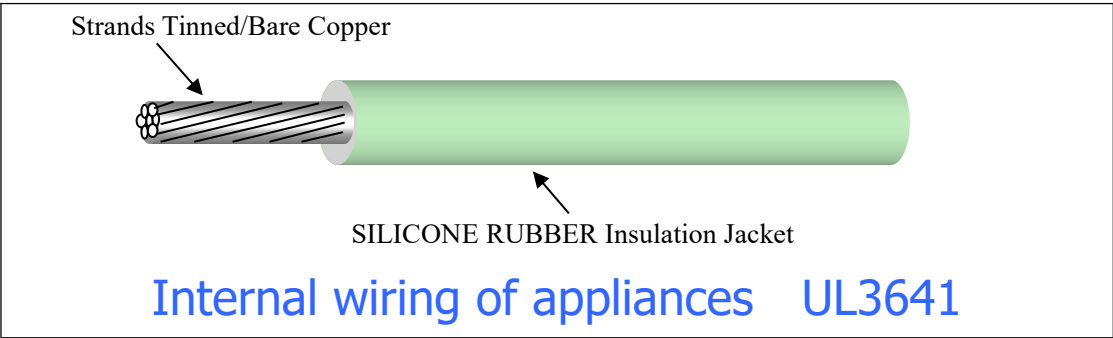
SHOULD BE USED:

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: 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	±0.15
	08	168/0.254	2.230	3.80	1.78	1.60	7.36	±0.15
	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	±0.15
*Fiber Glass Braid thickness(mm): 0.20mm (OPTIONAL)								

Marking : E211048 AWM STYLE 3641 NO.AWG 180℃ 3300V SILICONE RUBBER QIFURUI 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				