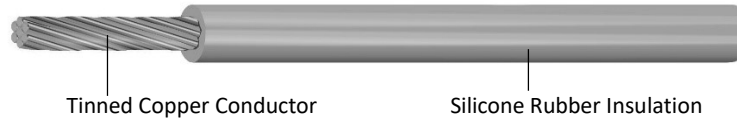


Type: UL Style **3530** Silicone Rubber Insulation 600V 150°C

C-UL type SEWF-2 600V 150°C

 Recognition No.: E205197



P/N: 3530-XX-1-0500-0XX-1-TS

Conductor		Insulation		Electrical Character	
Solid Diameter or Stranding Diameter AWG (mm ²)	Composition No/Diameter of Component Wire (mm)	Insulation Thickness (mm)	Overall Diameter (mm)	Rated Voltage V	Maximum Conductor Resistance Ω/km 20°C
20AWG (0.53mm ²)	21/0.18 Tinned Strands	0.78	2.5 (±0.15)	600V	59.4
18AWG (0.85mm ²)	34/0.18 Tinned Strands	0.78	2.8 (±0.15)	600V	23.5
16AWG (1.34mm ²)	26/0.254 Tinned Strands	0.78	3.1 (±0.15)	600V	14.6
14AWG (2.08mm ²)	41/0.254 Tinned Strands	0.78	3.6 (±0.20)	600V	8.96
12AWG (3.31mm ²)	65/0.254 Tinned Strands	0.78	3.9 (±0.20)	600V	5.64
10AWG (5.26mm ²)	105/0.254 Tinned Strands	1.43	5.8 (±0.25)	600V	3.55
8AWG (8.36mm ²)	166/0.254 Tinned Strands	1.52	7.5 (±0.25)	600V	2.23
6AWG (13.3mm ²)	266/0.254 Tinned Strands	1.52	8.5 (±0.30)	600V	1.40



1. Scope: Concerning on UL758 the size from 26AWG to 750kcmil, working voltage 600V, working temperature 150°C
2. Conductor: Material of Conductor: Tinned Copper
Composition of conductor for sizes within the UL 758 specified being showed as Table.

3. Insulation Material: Compound Silicone Rubber.

Average thickness of insulation being showed as Table

Minimum thickness of insulation at any point: Omission

4. Surface Printing:

E205197  AWM STYLE 3530 600V 150°C AWG VW-1  TYPE SEWF-2 SILICONE RUBBER
600V 150°C AWG FT1 EASSAN

5. Electrical and Physical character

Unaged: Elongation:250%

Tensile Strength: 800psi

After aged: Test specimens being kept in an air oven with 158°C(±1°C) for 60days

Elongation:25% result of unaged test specimen

Tensile Strength: 60% result of the unaged test specimen.

Sparking Test: 6000AC M/0.8 Second

VW-1 & FT1: Conforming UL758 specification

6. Electrical Voltage Test: 2000V for 1 minute no break down.

7. Packing: 500ft per reel

8. Country of Origin: Taiwan

P/N's & COLORS				
3530-XX-1-0500-001-1-TS BLACK	3530-XX-1-0500-002-1-TS WHITE	3530-XX-1-0500-003-1-TS YELLOW	3530-XX-1-0500-004-1-TS RED	3530-XX-1-0500-005-1-TS BLUE
3530-XX-1-0500-006-1-TS BROWN	3530-XX-1-0500-007-1-TS GREEN	3530-XX-1-0500-008-1-TS ORANGE	3530-XX-1-0500-011-1-TS GREEN + YELLOW	3530-XX-1-0500-012-1-TS GRAY