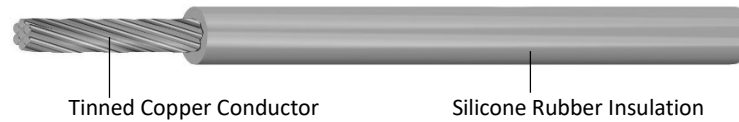


Type: UL Style **3132** Silicone Rubber Insulation 150°C 300V

C-UL type SEWF-1 300V 150°C

 Recognition No.: E205197



P/N: 3132-XX-1-0500-OXX-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
26AWG (0.12mm ²)	7/0.16 Tinned Strands	0.4	1.30(±0.10)	300V	152.0
24AWG (0.22mm ²)	11/0.16 Tinned Strands	0.4	1.45(±0.10)	300V	96.5
22AWG (0.33mm ²)	22/0.14 Tinned Strands	0.4	1.6(±0.10)	300V	59.4
20AWG (0.53mm ²)	21/0.18 Tinned Strands	0.4	1.8(±0.10)	300V	37.4
18AWG (0.84mm ²)	34/0.18 Tinned Strands	0.4	2.0(±0.15)	300V	23.5
16AWG (1.25mm ²)	26/0.254 Tinned Strands	0.4	2.3(±0.15)	300V	14.6
14AWG (2.1mm ²)	41/0.54 Tinned Strands	0.5	3.0(±0.2)	300V	9.15
12AWG (3.3mm ²)	67/0.254 Tinned Strands	0.6	3.7(±0.2)	300V	5.75

1. Scope: Concerning on UL758 the size from 24AWG to 4/0 AWG working temperature 300V 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 3132 300V 150°C AWG  TYPE SEWF-1 SILICONE RUBBER 300V
150°C AWG VW-1 FT1 EASSAN

5. Electrical and Physical character

Unaged: Elongation:250%

Tensile Strength: 1000lbf/in²

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.

Flame Test: VW-1 & FT1 : Conforming to UL758 method to test

6. Dielectric Withstand Voltage Test: 1500V for 1 minute No Breakdown

7. Packing: 500ft per reel

8. Country of Origin: Taiwan

P/N's & COLORS				
3132-XX-1-0500-001-1-TS BLACK	3132-XX-1-0500-002-1-TS WHITE	3132-XX-1-0500-003-1-TS YELLOW	3132-XX-1-0500-004-1-TS RED	3132-XX-1-0500-005-1-TS BLUE
3132-XX-1-0500-006-1-TS BROWN	3132-XX-1-0500-007-1-TS GREEN	3132-XX-1-0500-008-1-TS ORANGE	3132-XX-1-0500-011-1-TS GREEN + YELLOW	3132-XX-1-0500-012-1-TS GREY