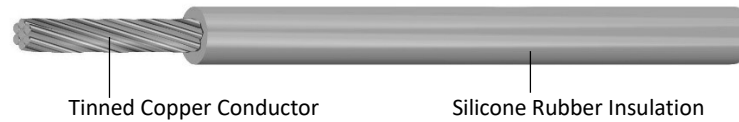


Type: UL Style **3132** Silicone Rubber Insulation 150°C 300V

C-UL type SEWF-1 300V 150°C

 Recognition No.: E205197



P/N: 3132-XX-1-0500-0XX-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 |
| 26AWG (0.14mm 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 (5.3mm 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 |