
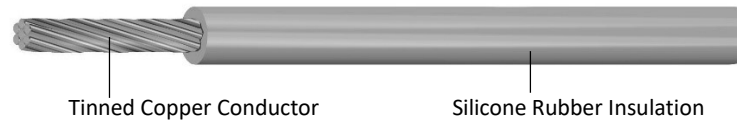


Type: UL Style **3123** Silicone Rubber Insulation 600V 150°C

C-UL type SEWF-2 600V 150°C

 Recognition No.: E205197



P/N: 3123-XX-1-0500-OXX-1-TS

Conductor		Insulation		Electrical Character	
Solid Diameter or Stranding Diameter AWG (mm <sup>2</sup> )	Composition No/Diameter of Component Wire (mm)	Insulation Thickness (mm)	Overall Diameter (mm)	Rated Voltage V	Maximum Conductor Resistance Ω/km 20°C
30AWG (0.057mm <sup>2</sup> )	7/0.102 Tinned Strands	0.78	1.90 (±0.15)	600V	381.0
28AWG (0.088mm <sup>2</sup> )	7/0.127 Tinned Strands	0.78	1.95 (±0.15)	600V	239.0
26AWG (0.14mm <sup>2</sup> )	7/0.160 Tinned Strands	0.78	2.05 (±0.15)	600V	150.0
24AWG (0.22mm <sup>2</sup> )	11/0.160 Tinned Strands	0.78	2.15 (±0.15)	600V	94.2
22AWG (0.33mm <sup>2</sup> )	22/0.140 Tinned Strands	0.78	2.35 (±0.15)	600V	59.4
20AWG (0.53mm <sup>2</sup> )	21/0.18 Tinned Strands	0.78	2.50 (±0.15)	600V	36.7
18AWG (0.86mm <sup>2</sup> )	34/0.18 Tinned Strands	0.78	2.80 (±0.15)	600V	23.2
16AWG (1.31mm <sup>2</sup> )	26/0.254 Tinned Strands	0.78	3.10 (±0.15)	600V	14.6



1. Scope: Concerning on UL758 the size from 30AWG to 16AWG, 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 3123 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				
3123-XX-1-0500-001-1-TS BLACK	3123-XX-1-0500-002-1-TS WHITE	3123-XX-1-0500-003-1-TS YELLOW	3123-XX-1-0500-004-1-TS RED	3123-XX-1-0500-005-1-TS BLUE
3123-XX-1-0500-006-1-TS BROWN	3123-XX-1-0500-007-1-TS GREEN	3123-XX-1-0500-008-1-TS ORANGE	3123-XX-1-0500-011-1-TS GREEN + YELLOW	3123-XX-1-0500-012-1-TS GRAY