

Type: UL Style **3135** Silicone Rubber Insulation 600V 200°C

C-UL type SEWF-2 600V 200°C

 Recognition No.: E205197



**P/N: 3135-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)	Test / Voltage (V/30 min)	Sparking Test 0.8 Sec.	Maximum Conductor Resistance Ω/km 20°C
26AWG (0.14mm <sup>2</sup> )	7/0.16 Tinned Strands	0.76	2.05(±0.15)	2000V	6000AC	152.0
24AWG (0.22mm <sup>2</sup> )	11/0.16 Tinned Strands	0.76	2.12(±0.15)	2000V	6000AC	96.5
22AWG (0.33mm <sup>2</sup> )	17/0.16 Tinned Strands	0.76	2.3(±0.15)	2000V	6000AC	59.4
20AWG (0.53mm <sup>2</sup> )	7/0.32 Tinned Strands	0.76	2.52(±0.15)	2000V	6000AC	37.4
18AWG (0.84mm <sup>2</sup> )	7/0.40 Tinned Strands	0.76	2.72(±0.20)	2000V	6000AC	23.5
16AWG (1.25mm <sup>2</sup> )	26/0.254 Tinned Strands	0.76	3.02(±0.2)	2000V	6000AC	14.6
14AWG (2.1mm <sup>2</sup> )	7/0.65 Tinned Strands	0.76	3.52(±0.2)	2000V	6000AC	9.15
12AWG (5.3mm <sup>2</sup> )	28/0.4 Tinned Strands	0.76	4.02(±0.2)	2000V	6000AC	5.75



1. Scope: Concerning on UL758 the size from 26AWG to 12AWG working temperature 600V 200°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 3135 600V 200°C AWG  TYPE SEWF-2 SILICONE RUBBER 600V 200°C AWG VW-1 FT1 EASSAN

5. Electrical and Physical character

Unaged: Elongation:250%

Tensile Strength: 1000lbf/in<sup>2</sup>

After aged: Test specimens being kept in an air oven with 210°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: 2000V for 1 minute No Breakdown

7. Packing: 500ft per reel

8. Country of Origin: Taiwan

P/N's & COLORS				
3135-XX-1-0500-001-1-TS BLACK	3135-XX-1-0500-002-1-TS WHITE	3135-XX-1-0500-003-1-TS YELLOW	3135-XX-1-0500-004-1-TS RED	3135-XX-1-0500-005-1-TS BLUE
3135-XX-1-0500-006-1-TS BROWN	3135-XX-1-0500-007-1-TS GREEN	3135-XX-1-0500-008-1-TS ORANGE	3135-XX-1-0500-011-1-TS GREEN + YELLOW	