

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

C-UL type SEWF-2 600V 200°C



P/N: 3135-XX-1-0500-0XX-1-**TS*** (16AWG-26AWG)

3135-XX-1-0100-0XX-1-TS (12AWG-14AWG)

Conductor		Insulation		Electrical Character		
Solid Diameter or Stranded Diameter AWG (mm ²)	Composition No/Diameter of Component Wire (mm)	Insulation Thickness (mm)	Overall Diameter (mm)	Test / Voltage (V/MIN)	Sparking Test 0.8 Sec.	Maximum Conductor Resistance (Ω/km 20°C)
26AWG (0.128mm ²)	7/0.16 Nickel-Plated Strands	0.76	2.05(±0.15)	2000V	6000AC	150
24AWG (0.22mm ²)	11/0.16 Nickel-Plated Strands	0.76	2.12(±0.15)	2000V	6000AC	94.2
22AWG (0.33mm ²)	7/0.26 Nickel-Plated Strands	0.76	2.3(±0.15)	2000V	6000AC	59.4
20AWG (0.53mm ²)	7/0.32 Nickel-Plated Strands	0.76	2.52(±0.15)	2000V	6000AC	37.4
18AWG (0.84mm ²)	7/0.40 Tinned Strands	0.76	2.72(±0.20)	2000V	6000AC	23.5
16AWG (1.34mm ²)	7/0.50 Tinned Strands	0.76	3.02(±0.2)	2000V	6000AC	14.6
14AWG (2.1mm ²)	17/0.40 Tinned Strands	0.76	3.52(±0.2)	2000V	6000AC	9.15
12AWG (3.3mm ²)	27/0.40 Tinned Strands	0.76	4.02(±0.2)	2000V	6000AC	5.75

1. Scope: Concerning UL758 the size from 26AWG to 12AWG working temperature 600V 200°C
2. Conductor: Copper Strands
Composition of conductor for sizes within the UL 758 specified being shown in 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 VW-1  TYPE SEWF-2 SILICONE RUBBER
600V 200°C ☐ ☐ AWG FT1 EASSAN
5. Electrical and Physical character
Unaged: Elongation:250%
Tensile Strength: 800lbf/in²
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. Reel Length: 16AWG-26AWG: 500ft
12AWG-14AWG: 100ft
8. Country of Origin: Taiwan
9. RoHS & REACH compliant

P/N's & COLORS 12-14AWG				
3135-XX-1-0100-001-1-TS BLACK	3135-XX-1-0100-002-1-TS WHITE	3135-XX-1-0100-003-1-TS YELLOW	3135-XX-1-0100-004-1-TS RED	3135-XX-1-0100-005-1-TS BLUE
3135-XX-1-0100-006-1-TS BROWN	3135-XX-1-0100-007-1-TS GREEN	3135-XX-1-0100-008-1-TS ORANGE	3135-XX-1-0100-011-1-TS GREEN + YELLOW	

P/N's & COLORS 16-26AWG				
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	

***NOTE: 16 – 26AWG, NO part number change. -TS also indicates Nickel Copper plated strands.**

Date Code AFTER 25/12 the plating changed from Tinned Copper to Nickel plating Copper.

Please review Comparison Table.