CnC Tech

UL style 3122 and cUL type SEW-1

Silicone rubber insulation covered with fiberglass braid

300V 200°C



P/N: 3122-XX-1-0500-0XX-1-TS (16-18AWG)

3122-XX-1-0500-0XX-1-S (20-26AWG)

Conductor		Insulation			Electrical Character		
Solid Diameter or Stranded Diameter AWG (mm^2)	Composition No/Diameter of Component Wire (mm)	Thickness of Insulation (mm)	Thickness of Fiber Glass Braid (mm)	Overall Diameter (mm)	Rated Voltage (V)	Maximum Conductor Resistance (Ω/km 20°C)	Maximum Insulation Resistance (MΩ .km)
26AWG (0.12mm²)	7/0.16 Nickel-Plated Strands	0.381	0.2	1.7 ± 0.2	300V	150	100
24AWG (0.22mm²)	7/0.20 Nickel-Plated Strands	0.381	0.2	1.8 ± 0.2	300V	94.2	100
22AWG (0.33mm²)	7/0.26 Nickel-Plated Strands	0.381	0.2	1.9 ± 0.2	300V	59.4	100
20AWG (0.53mm²)	7/0.32 Nickel-Plated Strands	0.381	0.2	2.15 ± 0.2	300V	37.4	100
18AWG (0.84mm²)	7/0.40 Tinned copper strands	0.381	0.2	2.4 ± 0.2	300V	23.5	100
16AWG (1.25mm²)	7/0.50 Tinned copper strands	0.4	0.2	2.7 ± 0.2	300V	14.6	100

1. Marking: (on Silicone Insulation)
   E205197 AWM STYLE 3122 300V 200°C □□AWG TYPE SEWF-1 SILICONE RUBBER 300V 200°C □□AWG FT1 EASSAN
2. Insulation Material: Compound of silicone rubber
3. Electrical and Physical character
   Unaged:Elongation:150%
   Tensile Strength: 500lbf/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
4. Using for: Wiring of lighting, Domestical heating appliance, Rotating machine
5. Reel Length: 500ft
6. Country of Origin: Taiwan
7. RoHS & REACH compliant

P/N's & COLORS 16-18AWG				
3122-XX-1-0500-001-1-TS BLACK	3122-XX-1-0500-002-1-TS WHITE	3122-XX-1-0500-003-1-TS YELLOW	3122-XX-1-0500-004-1-TS RED	3122-XX-1-0500-005-1-TS BLUE
3122-XX-1-0500-006-1-TS BROWN	3122-XX-1-0500-007-1-TS GREEN	3122-XX-1-0500-008-1-TS ORANGE	3122-XX-1-0500-011-1-TS GREEN + YELLOW	

P/N's & COLORS 20-26AWG				
3122-XX-1-0500-001-1-S BLACK	3122-XX-1-0500-002-1-S WHITE	3122-XX-1-0500-003-1-S YELLOW	3122-XX-1-0500-004-1-S RED	3122-XX-1-0500-005-1-S BLUE
3122-XX-1-0500-006-1-S BROWN	3122-XX-1-0500-007-1-S GREEN	3122-XX-1-0500-008-1-S ORANGE	3122-XX-1-0500-011-1-S GREEN + YELLOW	