

UL style 3122 and cUL type SEW-1

Silicone rubber insulation covered with fiberglass braid

UL and cUL Recognizing No.: E205197



P/N: 3122-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)	Thickness of Insulation (mm)	Thickness Of Fiber Glass Braid (mm)	Overall Diameter (mm)	Maximum Conductor Resistance (20°C)Ω/km	Maximum Insulation Resistance (20°C)Ω/km
26AWG (0.12mm ²)	7/0.16 Nickel copper strands	0.381	0.2	1.7 ± 0.2	188	100
24AWG (0.22mm ²)	7/0.20 Nickel copper strands	0.381	0.2	1.8 ± 0.2	94.2	100
22AWG (0.33mm ²)	7/0.26 Tinned copper strands	0.381	0.2	1.95 ± 0.2	59.4	100
20AWG (0.53mm ²)	7/0.32 Tinned copper strands	0.381	0.2	2.1 ± 0.2	37.4	100
18AWG (0.84mm ²)	7/0.40 Tinned copper strands	0.381	0.2	2.4 ± 0.2	23.5	100
16AWG (1.25mm ²)	7/0.50 Tinned copper strands	0.381	0.2	2.7 ± 0.2	23.5	100

1. Marking: (on Silicone Insulation)

E205197 cUL AWM STYLE 3122 300V 200°C □□AWG VW-1 cUL TYPE SEW-1 SILICONE RUBBER 300V 200°C
□□AWG FT1

2. Insulation Material: Compound of silicone rubber

3. 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

4. Using for: Wiring of lighting, Domestical heating appliance, Rotating machine
5. Packing: 500ft per reel
6. Country of Origin: Taiwan

P/N's & COLORS				
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	