

## UL 1569 Hook -Up Wire

UL Recognized: E209277

## UL Style 1569 AWM 105°C 300V



P/N: 1569-XX-1-0500-0XX-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
30AWG (0.05mm <sup>2</sup> )	7/0.102 Tinned Strands	0.38	1.10 (±0.1)	300V	114.40
28AWG (0.08mm <sup>2</sup> )	7/0.127 Tinned Strands	0.38	1.20 (±0.1)	300V	72.00
26AWG (0.12mm <sup>2</sup> )	7/0.16 Tinned Strands	0.38	1.30 (±0.1)	300V	45.2
24AWG (0.22mm <sup>2</sup> )	11/0.16 Tinned Strands	0.38	1.40 (±0.1)	300V	29.3
22AWG (0.33mm <sup>2</sup> )	17/0.16 Tinned Strands	0.38	1.60 (±0.1)	300V	16.7
20AWG (0.53mm <sup>2</sup> )	21/0.18 Tinned Strands	0.38	1.80 (±0.1)	300V	10.50
18AWG (0.84mm <sup>2</sup> )	34/0.18 Tinned Strands	0.38	2.10 (±0.1)	300V	6.64
16AWG (1.25mm <sup>2</sup> )	26/0.254 Tinned Strands	0.38	2.40 (±0.1)	300V	4.18

### 1. Surface Printing:

 AWM STYLE 1569 E209277 105°C 300V □□ AWG CSA TYPE AWM IA 206504 FT1 105°C 300V □□ AWG 3A LF

### 2. Insulation Material : PVC

3. Rated Temperature: 105°C

4. Rated Voltage: 300V

5. Electrical and Physical character

Rated Temperature: 80°C

Rated Voltage: 300V

Withstand voltage spark: 3KV/0.15sec

Unaged: Elongation: 100%

Tensile Strength: 1500lbf/in<sup>2</sup> ↑

After aged: Tensile Strength: 136±1°C/ 168hr 70% ↑

Elongation: 136±1°C/ 168hr 45% ↑

Flame Test: FT1 : Conforming to UL758 method to test

6. Packing: 500ft per reel, Tolerance -1%

7. Country of Origin: Taiwan

P/N's & COLORS				
1569-XX-1-0500-001-1-TS BLACK	1569-XX-1-0500-002-1-TS WHITE	1569-XX-1-0500-003-1-TS YELLOW	1569-XX-1-0500-004-1-TS RED	1569-XX-1-0500-005-1-TS BLUE
1569-XX-1-0500-006-1-TS BROWN	1569-XX-1-0500-007-1-TS GREEN	1569-XX-1-0500-008-1-TS ORANGE	1569-XX-1-0500-011-1-TS GREEN + YELLOW	1569-XX-1-0500-012-1-TS GREY