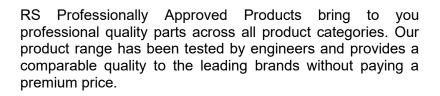


#### **FEATURES**

- Stranded conductors protecting the wires from corrosion and increasing efficiency in hot and humid environments
- PVC insulation
- Easy to handle, strip and terminate
- UL Style 1569
- Flammability Test: VW-1
- Rated Voltage: 300V
- Rated Temperature:105°C
- Size(AWG):18

# RS PRO UL1569 White, 0.81 mm<sup>2</sup> Hook Up Wire, 305m

RS Stock No.: 208-1109





### **Product Description**

Hook up wire can be used for a broad range of applications, whether that be in a control cabinet, high-temperature oven, or in a specialised machine tool.

### **General Specifications**

Туре	Equipment Wire/ hook-up wire
Cores Number	1C
Conductor Material	Tinned Copper
Cross Sectional Area	0.81mm^2
Conductor Size of Strands	$0.25 \pm 0.008$ mm
Conductor Number of Strands	16
Conductor Strand diameter (mm)	1.17mm
American Wire Gauge	18
Insulation Material	PVC
Insulation Colour	White
Insulation Wall Thickness	0.40mm
Insulation Min Thickness	0.33mm
Insulation Diameter	2.01±0.10mm
Wire Style	UL1569
Fire Behaviour	Flammability Test: VW-1
Cable Marking	E254881 知 AWM STYLE 1569 18AWG 105℃ 300V VW-1 C别 AWM I A 105℃ 300V FT1 -LF- ELETECK



## **Electrical Specifications**

Voltage Rating	300V
Conductor Resistance	23.3Max Ohms/1000m @ 20degC
Spark Test	1500 VAC RMS
Insulation DC Resistance(Min)	200 MΩ*KM @20degC
Minimum Bend Radius	15 x overall diameter

## **Operation Environment Specifications**

Minimum Operating Temperature	-40°C
Maximum Operating Temperature	105°C
Operating Temperature Range	-40°C to 105°C

## Approvals

Compliance/Certifications	UL 1569
Standards Met	RoHS Compliant
Declarations	REACH