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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℃
- Size(AWG):18

RS PRO UL1569 Blue, 0.81 mm² Hook Up Wire, 305m

RS Stock No.: 208-1106



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

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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

Type	**Equipment Wire/ hook-up wire**
Cores Number	1C
Conductor Material	Tinned Copper
Cross Sectional Area	0.81mm^2
Conductor Size of Strands	0.25±0.008mm
Conductor Number of Strands	16
Conductor Strand diameter (mm)	1.17mm
American Wire Gauge	18
Insulation Material	PVC
Insulation Colour	Blue
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 ᖰ AWM STYLE 1569 18AWG 105℃ 300V VW-1 C ᖰ AWM I A 105℃ 300V FT1 -LF- ELETECK

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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