

## FEATURES

- Multipurpose solder wire that can be used for a variety of soldering tasks
- Suitable for soldering all products that must be RoHS compliant
- Melting point between 217-219°C
- Flux content 3.3%

## RS PRO 1.01mm Wire Lead Free Solder, +217°C Melting Point

RS Stock No.: 800-7642



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.

### Product Description

From the trusted RS PRO brand, this lead-free solder wire from RS is a resin-based SAC305 solder wire. SAC305 is a specially-formulated lead-free alloy that contains 96.5% tin, 3% silver and 0.5% copper. SAC305 alloy comes under the JEIDA recommendation for lead-free solder, conforming to J-STD 006

### General Specifications

<b>Product Form</b>	Wire
<b>Melting Point</b>	217°C to 219°C
<b>Percent Silver</b>	3%
<b>Percent Tin</b>	96.5%
<b>Flux Type</b>	Rosin Based
<b>Flux Content Percent</b>	3.3%
<b>Percent Copper</b>	0.5%
<b>Applications</b>	In securing electrical components to integrated circuit boards, moulded to secure components in place in solder joints, can also be used for light brazing, in repair, prototyping and production.

### Mechanical Specifications

<b>Wire Diameter</b>	1.01mm
<b>Product Weight</b>	250g

### Operation Environment Specifications

<b>Soldering Iron Tip Temperature</b>	360°C to 400°C
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**Approvals**

**Standards Met**

J-STD 004; J-STD 006