

**SAC305 - ROSIN ACTIVATED FLUX-CORE SOLDER WIRE****Product Description**

SRA solder wire is made from 100% virgin materials to the highest quality standards, right here in the USA. Our line of SAC305 lead-free alloy wire with rosin activated flux-core makes for an excellent general purpose solder that can be used on circuit boards and whose residues do not need to be cleaned off. SAC Alloys are the leading candidates to replace tin-lead solders for electronic assembly applications.

**Key Features**

- Made in USA from 100% virgin materials
- Excellent quality general purpose solder
- Rosin Activated (RA) flux-core
- For use on circuit boards
- Melts at 430°F (221°C)
- Contains 96.5% Sn, 3% Ag, 0.5% Cu
- Available in .020" and .031" gauge wire

**Available Sizes****Wire Gauge: 0.020"**

- 1Lb - WBRASAC20-1LB

**Wire Gauge: 0.031"**

- 1Lb - WBRASAC31-1LB



**Typical Impurity Levels in Percent:**

Al: <0.003	Au: 0.05	Cd: <0.001	Fe: 0.01	In: <0.01
As: <0.01	Bi: 0.01	Zn: <0.001	Ni: <0.003	Pb: <0.05

**Flux Compatibility:**

SAC Alloys are compatible with most major electronic grade fluxes on the market today, and are available in paste and wire form in no-clean, water soluble and rosin chemistries.

**Temperature Requirements:**

APPLICATION	RECOMMENDED TEMPERATURE
REFLOW SOLDERING	PEAK TEMPERATURE 235°-245°C (455°-473° F)
WAVE SOLDERING	POT TEMPERATURE OF 265°-270°C (520°-530°F)
HAND SOLDERING	TIP TEMPERATURE OF 370°-425°C (700°-800°)

**Safety:**

See the Safety Data Sheet for safety procedures.

**Storage & Disposal:**

Wire Solder should be stored in a dry environment away from direct heat. We recommend Using gloves when handling solder wire directly. Solder wire has 2 years shelf life. Dispose of in accordance with all local state and federal regulations.

The information contained herein is based on technical data that we believe to be reliable and is intended for use by persons having technical skill, at their own risk. Users of our products should make their own tests to determine the suitability of each product for their particular process. SRA Soldering Products will assume no liability for results obtained or damages incurred through the application of the data presented.

