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# DKS-SAC305-RC

## Solder Wire – SAC305 Lead-Free Alloy with Rosin Activated Flux Core

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### Product Description:

DigiKey Standard solder wire is from 100% virgin materials to ensure outstanding purity, quality, and consistency. This product features a **SAC305 lead-free alloy** (96.5% Tin, 3.0% Silver, 0.5% Copper) combined with a **rosin activated flux core**, making it an excellent general-purpose solder for electronic assembly applications.

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### Key Features:

- **100% Virgin Materials:** Produced using high-purity raw materials for reliable and repeatable performance.
  - **SAC305 Lead-Free Alloy:** Industry-standard composition of **96.5% Sn, 3.0% Ag, 0.5% Cu**, offering excellent thermal and mechanical properties as a replacement for traditional tin-lead solders.
  - **Rosin Activated Flux Core:** Ensures strong wetting action and the formation of high-quality, durable solder joints.
  - **No-Clean Residue:** Leaves non-conductive, non-corrosive residues that typically do not require cleaning after soldering.
  - **Made in the USA:** Manufactured under strict quality control processes for dependable performance in demanding applications.
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### Applications:

- Circuit board assembly and repair
  - Electrical and electronic component soldering
  - General-purpose hand soldering in lead-free environments
  - RoHS-compliant electronic manufacturing
  - Commercial and industrial electronic assembly applications
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## Part numbers:

Part number	Mfg part number	Description
<a href="#">DKS-SAC305-RC-020-1LB-ND</a>	DKS-SAC305-RC-020-1LB	SOLDER ROSIN SAC305 .020 1LB
<a href="#">DKS-SAC305-RC-031-1LB-ND</a>	DKS-SAC305-RC-031-1LB	SOLDER ROSIN SAC305 .031 1LB
<a href="#">DKS-SAC305-RC-031-4OZ-ND</a>	DKS-SAC305-RC-031-4OZ	SOLDER ROSIN SAC305 .031 4OZ