

PRODUCT DATA SHEET

PF96 Flux Coating

Introduction

PF96 Flux Coating offers superior performance with ultra-low voiding to enhance efficiency and reduce process variability. Its advanced flux application guarantees a completely uniform coating. **PF96's** flux percentage can be controlled with a precision of 0.2%, surpassing the industry standard of 0.5%.

PF96 is a high-performance, halide-free flux compliant with J-STD-004C requirements for ROL0. With its precise flux control and minimal voiding, this next-generation flux coating optimizes assembly processes for better outcomes.

Features

- **Ultra-Low Voiding:** Minimizes voids for better reliability
- **Consistent Uniform Performance:** Ensures reliable results every time
- **ROL0 Classification:** Meets strict industry standards for halide-free fluxes
- **Compatibility:** Compatible with SAC305 and other popular alloys

Alloy Offerings

Indium Corporation offers over 220 alloys, including lead-free, gold/tin, tin/lead, and bismuth alloys. **PF96** is available with SAC, SnPb, high-reliability alloys, and pure indium, making it compatible with solder ribbons, preforms, and InFORMS® products.

Performance

PF96 is ideal for high-reliability applications, offering precise flux percentage control to minimize voiding and enhance thermal management, structural integrity, and overall product reliability.

Packaging

PF96 accommodates various packaging options, such as tape & reel, tray pack, or loose pack, ensuring flexible delivery solutions.

Technical Support

Indium Corporation's internationally experienced engineers provide in-depth technical assistance to our customers. Thoroughly knowledgeable in all facets of Materials Science as it applies to the electronics and semiconductor sectors, Technical Support Engineers provide expert advice in solder properties, alloy compatibility and selection of solder preforms, wire, ribbon, and paste. Indium Corporation's Technical Support engineers provide rapid response to all technical inquiries.

Safety Data Sheets

Please refer to the SDS document within the product shipment or contact our local team to receive a copy.

This product data sheet is provided for general information only. It is not intended, and shall not be construed, to warrant or guarantee the performance of the products described which are sold subject exclusively to written warranties and limitations thereon included in product packaging and invoices. All Indium Corporation's products and solutions are designed to be commercially available unless specifically stated otherwise.

All of Indium Corporation's solder paste and preform manufacturing facilities are IATF 16949:2016 certified. Indium Corporation is an ISO 9001:2015 registered company.

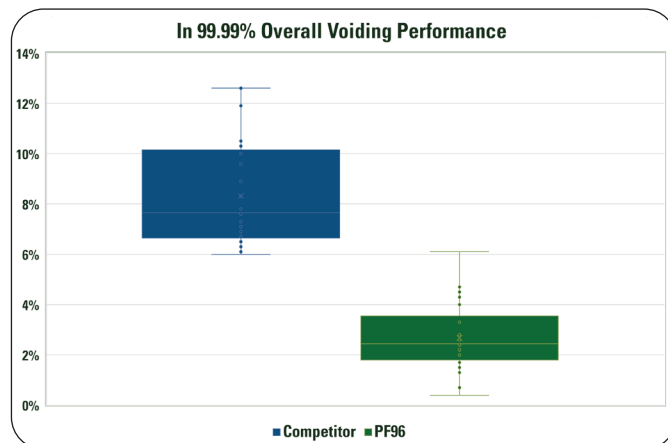
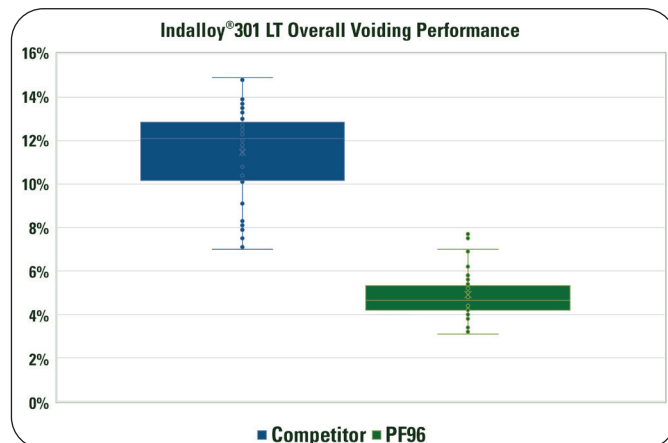
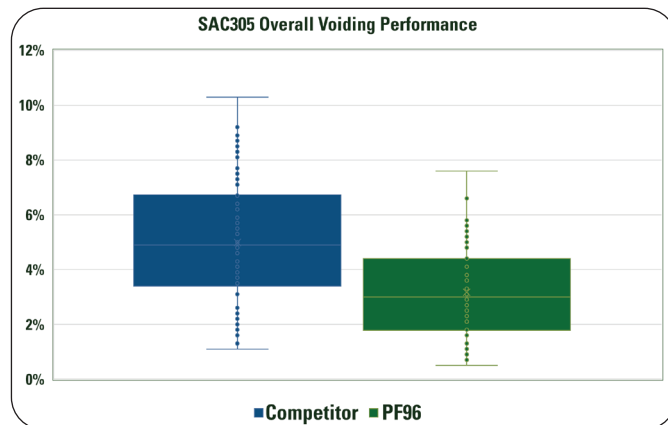
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Competing Flux Coating vs. PF96



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