

## PRODUCT DATA SHEET

# TACFlux<sup>®</sup> for Ball-Attachment

### Introduction

**TACFlux<sup>®</sup> 007 and 018** are tacky fluxes designed for ball-mounting onto BGA and BGA sockets.

### Features

- Excellent wetting ability in air reflow
- No-clean
- Wide reflow temperature range

### Typical Properties

J-STD-004A (IPC-TM-650)		
Flux	TACFlux <sup>®</sup> 007	TACFlux <sup>®</sup> 018
Flux Type Classification	ROL1	ROLO
Compatible Alloys	All SnPb, high-Pb, AuSn	All SnPb, most SAC alloys
Typical Viscosity	325kcps	282kcps
Typical Acid Number	85	128
Typical Tack Strength	355g	149g
Reflow Atmosphere	Air or nitrogen	Air or nitrogen
SIR	Pass	Pass
Electromigration (Bellcore Test)	Pass	Pass
Cleaning	Not needed	Not needed
Typical Reflow Residual Weight	47%	36%

*All information is for reference only.  
Not to be used as incoming product specifications.*

### Application

**TACFlux<sup>®</sup> 007 and 018** can be printed or used in pin transfer applications.

### Cleaning

**TACFlux<sup>®</sup> 007 and 018** are designed for no-clean applications. If necessary, the flux residue can be removed by using a semi-aqueous system, saponified water, alcohols, or other CFC-free alternatives.

### Packaging

**TACFlux<sup>®</sup> 007 and 018** are available in 150g cartridges, 10 and 30cc syringes, or 100g jars. Other packaging can be provided to meet specific requirements.

### Storage and Handling

The shelf life of **TACFlux<sup>®</sup> 007 and 018** is 12 months when stored at 0–30°C.

Flux should be allowed to reach ambient working temperature prior to use. Packaging should be labeled with date and time of opening.

### 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.*

## From One Engineer To Another<sup>®</sup>

Contact our engineers: [askus@indium.com](mailto:askus@indium.com)

Learn more: [www.indium.com](http://www.indium.com)



Form No. 98186 R3

ASIA +65 6268 8678 • CHINA +86 (0) 512 628 34900 • EUROPE +44 (0) 1908 580400 • USA +1 315 853 4900



©2025 Indium Corporation