

PRODUCT DATA SHEET

WS-363 Interconnect Flux

Water-Soluble, Halide-Free

Introduction

WS-363 Interconnect Flux is a high-viscosity paste-type flux designed for use in BGA bumping and board level attachment and rework applications. It can also be used wherever a water-soluble flux with excellent cleanability is desired.

Features

- Excellent cleanability, residue can be removed with room temperature DI water
- Stencil-printable, high tack
- Offers high yields in BGA bumping process
- Halide-free with excellent solderability
- Wide process window

Properties

Flux Type Classification	ORM0
Typical Viscosity Brookfield 5rpm	450kcps
Typical Tack Strength	216
Acid Number	87
SIR	>10 ⁸ Ohms (ANSI/J-STED-004, IPC-TM-650)
Stencil Life	>8 hours at room temperature
Shelf Life	6 months at 0–25°C

All information is for reference only.

Not to be used as incoming product specifications.

Packaging

WS-363 is available in Semco® cartridges, 100g jars or 10–150g syringes; however, other packaging can be provided to meet specific requirements.

Cleaning

DI water or water plus cleaner that is room temperature or higher for >1 minute at >60psi, >2 minutes at <30psi.

Reflow

Peak reflow temperature should be <260°C in an air or nitrogen atmosphere.

Storage

WS-363 syringes and cartridges should be stored tip down at 0–25°C. **WS-363** should be thawed for 4 hours at room temperature before using.

Technical Support

Indium Corporation's internationally experienced engineers provide in-depth technical assistance to our customers. Thoroughly knowledgeable in all facets of Material 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 Technical Support engineers provide rapid response to all technical inquiries.

Safety Data Sheets

The SDS for this product can be found online at:
<http://www.indium.com/sds>



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