



Technical Bulletin

JOHNSON MANUFACTURING COMPANY
Princeton, Iowa 52768-0096

JOHNSON'S DELTA FLUX FOR TUBE MILLS Part No. 19-00 Series

DESCRIPTION:

Johnson's Delta Flux is an extremely effective organic soldering flux for tube mills and other high speed tinning operations. Its special solvent system offers fast wetting action, and uniform coverage. Delta's balanced formulation provides the perfect combination of rapid wetting action, low-temperature activation, and full evolution, even during the high speed operations.

PHYSICAL DATA:

Specific Gravity	1.017 ± .005 @ 60° F (As Shipped)
pH	0-1
Solubility in Water	100%
Appearance	Brown Liquid
Odor	Characteristic Sweet Smell

USAGE:

For best results, a dilution of 4:1 with water is recommended for tube mill operations; dilute 2:1 for high speed strip tinning. Additional data and/or application assistance is available through Johnson's Technical Sales Personnel.

HANDLING:

Since Delta Flux contains free acid, store, mix and use in non-metallic containers only. Wear protective clothing and eye wear when handling this flux. Avoid mixing other chemicals with this flux. Please refer to the *OSHA Material Safety Data Sheet* for additional information.

WASTE DISPOSAL:

This flux must be neutralized with soda ash or lime before disposal. Additional treatment may be required to remove heavy metals dissolved into this flux during use. Beyond this, we cannot make specific recommendations because local laws vary.



TO ORDER CALL (800) 747-0030, FOR SUPPORT CALL (563) 289-5123, TO SEND FAX (563) 289-3825, EMAIL TO johnsonmfg@aol.com