



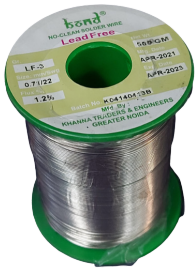
# MICROTECH CORPORATION

## DISTRIBUTORS OF SOLDERING MATERIAL & RELATED PRODUCTS

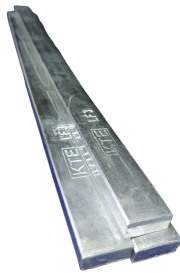
For the last 26 years, you have known us as your solder metals supplier, but now along with that, we bring to you a wide range of products from wave soldering machines to temperature-controlled soldering stations, ESD workplace products, heatsink compounds, and much more. Reasonable prices, timely delivery along with prompt and sound technical support are our specialties and our identity. We never want our customers to compromise on quality and provide only highly reliable products for our customers. We also provide training for shop floor operators, supervisors, and managers.



**PRODUCTS**



**SOLDER WIRE**



**SOLDER STICK**



**SOLDER PASTE**



**SOLDER FLUX**

**BRAND:- BOND**



**SOLDER WIRE**



**SOLDER STICK**



**SOLDER PASTE**



**SOLDER FLUX**

**BRAND:- SRS TRADERS**

**Heatsink Compound**



**SAFFROHEAT 400**



**SAFFROHEAT 401**



**SAFFROHEAT 401 HTC**

**BRAND:- SRS TRADERS**



**SAFFROWAX**

**Wax Polish /  
Wax Mold Release Agent**

**Silicone Dielectric  
Grease**



**SAFFROLUB**



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## SOLDER WIRE Non-RoHS(with lead)

### BRAND:- BOND



#### 60/40 (Tin/Lead) NO CLEAN

#### NON-ROHS

- No clean solder wire. No clean flux leaves no or very little residue after soldering
- Working temperature:- 350to 380°C
- Flux percentage 0.9 to 1.5%
- Any gauge as per customer need can be supplied
- Joint has limited shining but excellent joint quality
- Melting point:- 183°C

#### ROSIN CORED 60/40 (Tin/Lead)

- Rosin cored or RMA flux which leaves brown sticky residue after soldering. You may or may not clean the PCB
- Solder joint has excellent shining and quality.
- Flux percentage:- 1.8% to 3%
- Any gauge as per customer need can be supplied
- This wire is especially used when component solderability is poor
- Melting point is 183°C

#### NON-ROHS



#### 63/37(Tin/Lead) NO CLEAN

#### NON-ROHS

- Melting point :- 183°C
- No clean flux. It leaves no or very little non-corrosive residue after soldering
- Excellent wetting
- Working temperature:- 325 to 375°C



#### NON-ROHS

#### ROSIN CORED 20/80(Tin/Lead)

- Melting point:- 183 to 280°C
- Especially used for capacitor soldering and bulb terminals soldering
- Flux percentage:- 1.8% to 3%
- Rosin or RMA



**SOLDER WIRE LEAD FREE  
BRAND:- BOND**



**LF3 99%Tin/0.3Silver/0.3%copper**

**ROHS**

- ROHS / Lead free compliant
- Melting point 227°C
- Working temperature 375 to 400°C
- No clean flux, leaving very less, clear & non-corrosive residue
- Flux percentage 0.9% to 1.5%
- Any gauge as per customer need can be supplied

**ROHS**

**LF9 99.3%Tin/0.7%copper**

- ROHS or lead free compliant
- Melting point:- 227°C
- Working temperature:- 375 to 400°C
- No clean flux leaving no or less clear, non-corrosive residue
- Flux percentage 0.9% to 1.5%
- Any gauge as per customer need can be supplied



**LF2 96.5%Tin/3%Silver/0.5%Copper**

**ROHS**

- MELTING POINT :- 217 - 218C°
- WORKING TEMP (On tip) :- Should be 380 – 400 C°
- No clean flux leaving no or less clear and non-corrosive residue
- Flux percentage:- 2.50±0.20%
- Any gauge as per customers need can be supplied



## SOLDER STICK BRAND:- BOND



### 63/37(Tin/Lead) LEADED

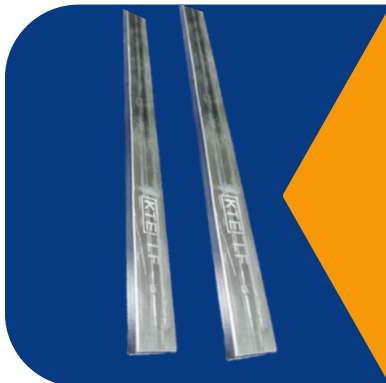
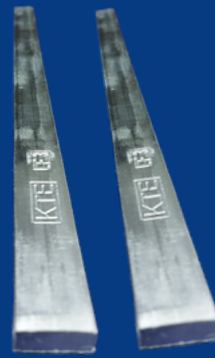
NON-ROHS

- Eutectic solder
- Low surface tension in molten state
- Good wetting & flow, higher yeild rate
- Melting point:- 183°C
- Working temperature:- 245 to 250°C
- Low Dross

ROHS

### LEAD FREE LF3

- 99%Tin/0.3%Silver/0.7%Copper
- ROHS or Lead Free Compliant
- Low surface tension in molten state, low dross
- Melting point 227°C
- Working temperature:- 270°C ± 5°C



### LF9 LEAD FREE

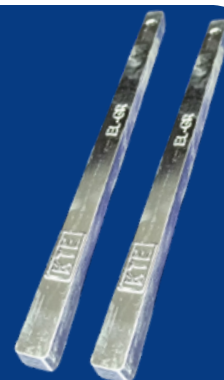
ROHS

- 99.3%Tin/0.7%Copper
- ROHS or Lead free compliant
- Low surface tension in molten state, low dross
- Melting point 227°C
- Working temperature 250°C ± 5°C

ROHS

### LEAD FREE LF2

- 96.5%Tin/3%Silver/0.5%Copper
- ROHS or Lead free compliant
- Low surface tension in molten state, low dross
- Melting point 217 to 221°C
- Working temperature 270°C ± 5°C



## SOLDER PASTE BRAND:- BOND



50/50(Tin/Lead) ECO2

NON-ROHS

- Economically priced, to be used for low end applications such as consumer electronics or LED manufacturing
- Available in T3 particle size
- Working temperature as per the reflow profile provided in datasheet

NON-ROHS

63/37(TIN/LEAD) T3/T4

- Available in both T3 & T4 particle size
- Excellent, homogenous & smooth applicability
- No soldering defects
- Working temperature as per the reflow profile provided in datasheet



LFA03

ROHS

- 99%Tin/0.3%Silver/0.7%Copper
- ROHS Compliant
- Stable & smooth continuous printing of high density electronics assemblies.
- Working temperature as per the reflow profile provided in the datasheet

## SOLDER FLUX BRAND:- BOND

**MADE IN JAPAN**



**GQ/GK NIHON COSMO**

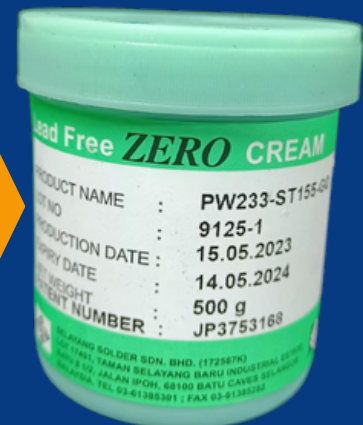
**NON-ROHS**

- 63%Tin/37%Lead
- Available in both T3 & T4 particle sizes
- Excellent print ability & continuous printing performance
- Excellent solderability
- Working temperature as per reflow profile provided in the datasheet

**ROHS**

**NEHON GENMA**

- 99%Tin/ 0.3%Silver/0.7%Copper
- Excellent printability, solderability, and continuous printing performance
- Available in T4 particle size only
- Working temperature as per reflow profile provided in the datasheet



## SOLDERING FLUX BRAND:- BOND



### 620DVD

ROHS

- No clean soldering flux
- 2.50±0.5% solid content
- Low & clear, non-corrosive, hygroscopic residue.
- Excellent wetting and solderability
- Recommended for PTH boards

ROHS

### BOND NC 850L

- No clean soldering flux
- 4.50±0.5% solid content
- Low & clear, non-corrosive, hygroscopic residue.
- Excellent wetting and solderability



### BOND NC 415

ROHS

- No clean soldering flux
- 4.0 ± 0.5% solid content
- Low & clear, non-corrosive, non-hygroscopic residue.
- Excellent wetting and solderability
- Recommended for LED drive manufacturing

ROHS

### BOND NC 620LP

- No clean soldering flux
- 2.2 ± 0.2% solid content
- Low residue, excellent wettability, & solderability. Recommended for high density PTH boards
- Fast & consistent performance
- Low non-corrosive, non hygroscopic residue





## HEAT SINK COMPOUND BRAND:- SRS



### SAFFROHEAT 400

- Thermal Conductivity:- 0.94W/mk
- Operating Temperature Range:- -30°C to 240°C
- Colour:- Milky White
- Application:  
Applied to the base and mounting studs of transistor, diodes and siliconecontrolled rectifiers,Power transistors, Diodes, semiconductors for effective Thermal Joints

### SAFFROHEAT 401

- Thermal Conductivity:- 2.85 W/mk
- Operating Temperature Range:- -30°C to 240°C
- Colour:- Blueish Grey
- Application:  
Applied to the base and mounting studs of transistor, diodes and siliconecontrolled rectifiers,Power transistors,Diodes, semiconductors for effective Thermal Joints



### SAFFROHEAT 401 HTC



- Thermal Conductivity:- 3.39 W/mk
- Operating Temperature Range:- -30°C to 240°C
- Colour:- Grey
- Application:  
Applied to the base and mounting studs of transistor, diodes and siliconecontrolled rectifiers,Power transistors,Diodes, semiconductors for effective Thermal Joints

## DIELECTRIC SILICONE GREASE BRAND:- SRS



### SAFFROLUB 400

- SAFE ON RUBBERS AND PLASTICS
- SILICONE GREASE THAT REPELS WATER AND PROTECTS AGAINST COROSION, ARCHING AND PITTING
- TEMPERATURE RANGE OF -50 TO 250°C (-58 TO 482°F)
- TEMPERATURE RESISTANT- DOES NOT HARDEN, MELT, BLEED, DRY, FREEZE, OR SEPARATE DUE TO TEMPERATURE FLUCTUATIONS.

### SAFFROLUB 500

- SAFE ON RUBBERS AND PLASTICS
- SUITABLE FOR HIGH AND LOW VOLTAGE APPLICATIONS.
- TEMPERATURE RANGE OF -50 TO 250°C (-58 TO 482°F)
- TEMPERATURE RESISTANT- DOES NOT HARDEN, MELT, BLEED, DRY, FREEZE, OR SEPARATE DUE TO TEMPERATURE FLUCTUATIONS.



## WAX MOLD RELEASE AGENT

### SAFFROWAX 400

- USING AS A FIBERGLASS MOLD RELEASE AGENT, MOULDING WORK, FABRICATIONS, WOOD, AND FLOOR POLISHES.
- ENHANCE SURFACE PROPERTIES.
- EFFECTIVE MATTING AGENTS
- MOISTURE BARRIER AND GLOSSING AGENT.

