

FAKHRI METALS

An ISO 9001:2015 certified company



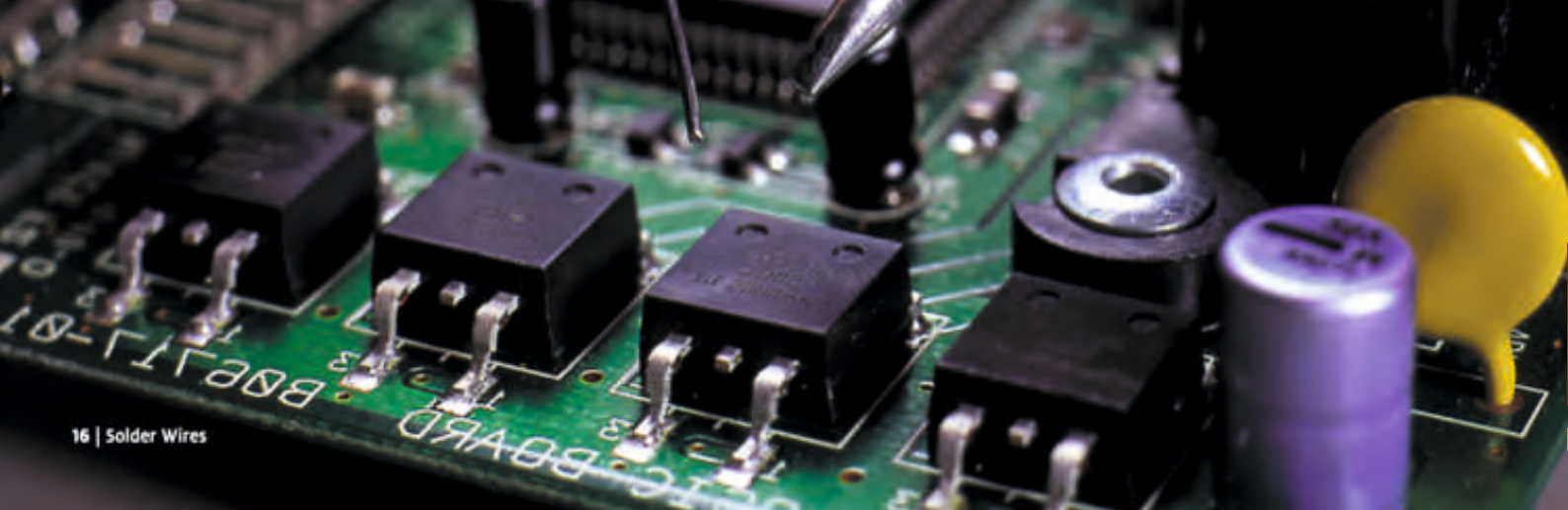
SOLDER MATERIALS

SOLDER PASTES

SOLDER WIRES

SOLDER BARS

ACCESSORIES



16 | Solder Wires

About Us

Footed in the year 2010, Fakhri Metals is one of the remarkable business names readily instrumental in the realm of Manufacturing Solder Wire, Solder Bar, Solder Paste in both ROHS and Non-ROHS and Wholesaling & Importing a wide consignment of products which comprise Cadmium Products, Lead Ingots, Tin And White Metal Ingots, Arsenic Metal, and much more.

Right from purchasing top class of raw material from established vendors, to manufacturing with utmost technicalities and safely delivering them at the premises of our customers, all the processes are handled professionally with perfection.

Also, the team is handled under the firm dedication of our mentor Mr. Shabbir M. Tambawala. His ability to understand the changing needs and desires of our customers and fulfilling them with perfection has made us a popular market name.

Made under professional supervision, all our products are well tested prior to getting shipped to the customers.

Why Us?

With a commitment to quality, reliability, and customer satisfaction, we have established ourselves as a trusted leader in the industry. we're dedicated to engineering excellence and fostering innovation in the field of soldering technology. In order to become one of the eminent business names, we are readily engrossed in furnishing the varying needs of our customers with most convenience.

- Excellent & reliable quality products
- Reasonable costs
- Timely delivery
- Ethical business practices
- Well-equipped lab
- Customized solutions

ROHS PRODUCTS

Lead free Solder Stick

A lead-free solder stick is a solid form of solder that is free from lead as one of its primary constituents. these solder sticks are formulated with alternative metals to achieve similar or improved soldering characteristics while adhering to environmental and health regulations

Composition	Melting range
Sn99.3/Cu0.7	227°C
Sn99/Ag0.3/Cu0.7	217°C
Sn96.5/Ag3/Cu0.5	217°C
Sn96.5/Ag3.5	222°C
Sn95/Sb5	240°C
Sn99.7/Ag0.3	223°C



Lead free Solder Wire

Lead-free solder wire is a type of solder wire that does not contain lead as one of its primary constituents. While lead-free solder wire offers environmental and health benefits, it may have slightly different melting temperatures and mechanical properties compared to lead-containing solders



Composition	Melting range
Sn99.3/Cu 0.7 SWG	227°C
Sn99/Ag 0.3/Cu0.7	217°C
Sn96.5/Ag 3/Cu0.5	217°C
Sn96.5/Ag3.5	222°C
Sn100	232°C



ROHS PRODUCTS

Lead free Solder Paste

Lead-free solder paste typically consists of a mixture of flux and finely powdered solder alloy composed of metals such as tin, silver, copper, bismuth, and other elements. These alloys are carefully formulated to provide suitable melting temperatures, wetting properties, and mechanical strength, while also complying with environmental regulations.



Composition	Melting range
Sn99.3/Cu 0.7	227°C
Sn99 Ag0.3/Cu0.7	217°C
Sn96.5/Ag3/Cu0.5	217°C
Sn50/Bi50	158°C
Sn 42/BI 58	138°C

Other Products

ACCESSORIES

- Dross Reducer
- SMT Red Glue
- Thermal grease
- RTV Silicone



NON ROHS PRODUCTS

Solder Stick

A solder bar is a solid, elongated form of solder typically composed of a solder alloy, which is a mixture of metals such as tin, lead, silver, or other elements. Solder bars are used in soldering processes to join together two or more metal surfaces by melting the solder and allowing it to flow into the joint, creating a metallurgical bond upon cooling. Solder bars come in various compositions and sizes to suit different soldering applications.

Composition	Melting range
Sn63/Pb37	187°C
Sn60/Pb40	190°C
Sn55/Pb45	200°C
Sn50/Pb50	216°C
Sn40/Pb60	227°C
Sn30/Pb70	258°C
Sn20/Pb80	280°C

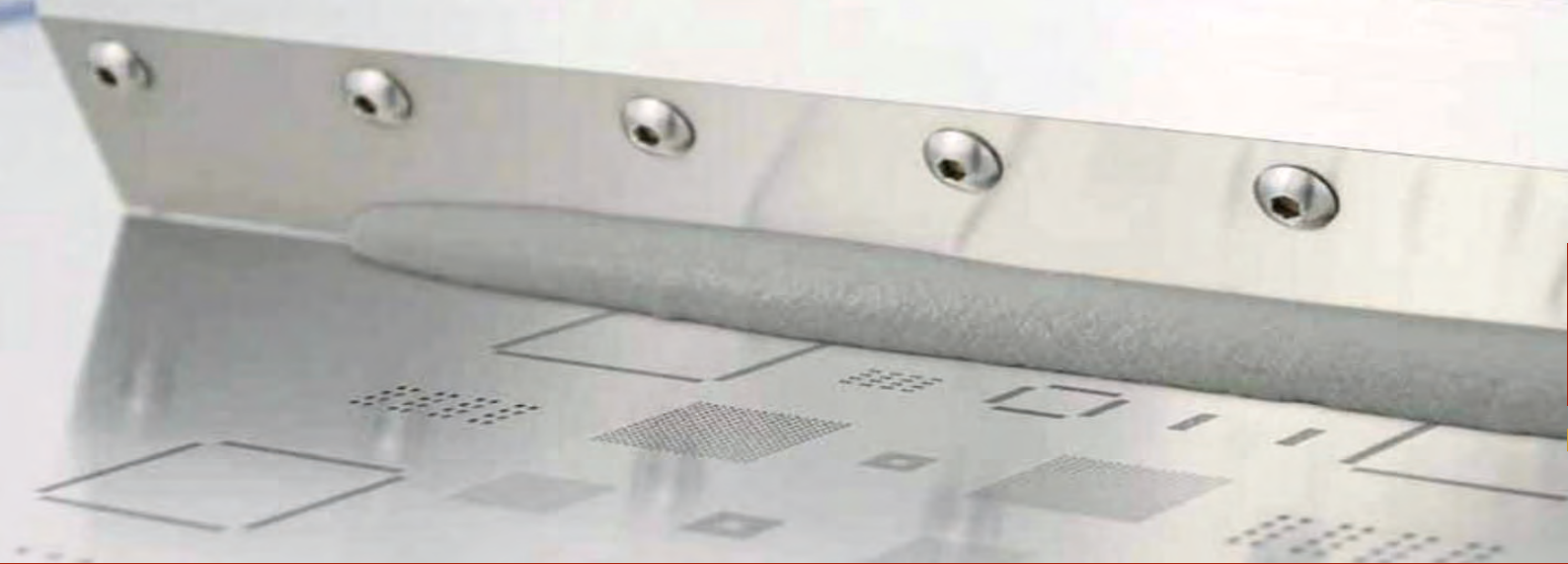


Solder Wire

Solder wire is a thin, metallic wire typically composed of a solder alloy, which is a combination of various metals such as tin, lead, silver, or other elements. Solder wire is used in soldering processes to join together two or more metal surfaces by melting the solder and allowing it to flow into the joint, creating a metallurgical bond upon cooling. Solder wire comes in various diameters and compositions to suit different soldering applications



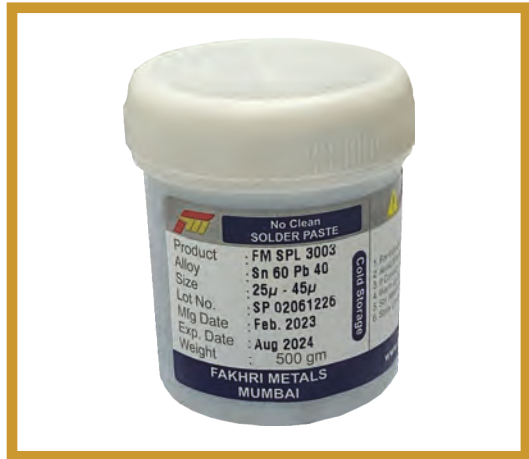
Composition	Melting range
Sn63/Pb37	187°C
Sn60/Pb40	190°C
Sn55/Pb45	200°C
Sn50/Pb50	216°C
Sn40/Pb60	238°C
Sn30/Pb70	260°C
Sn25/Pb75	268°C
Sn20/Pb80	275°C
Sn15/Pb85	280°C
Sn10/Pb90	280°C
Sn5/Pb95	298°C



NON ROHS PRODUCTS

Solder Paste

Solder paste is a mixture of finely powdered solder alloy and flux, typically used in surface mount technology (SMT) soldering processes. Solder paste is a crucial material in modern electronics manufacturing, facilitating efficient and reliable soldering of surface-mounted components on PCBs.



Composition	Melting range
Sn63/Pb37	187°C
Sn60/Pb40	191°C
Sn55/Pb45	196°C
Sn50/Pb50	200°C
Sn62.5/Pb37/Ag0.4	183°C

FLUXES

Code	Composition
F-205 No	Solid content 2%
F-405 No	Solid content 4%
F-500	Water based flux
IPA	ROHS
Cleaning Solvent	ROHS

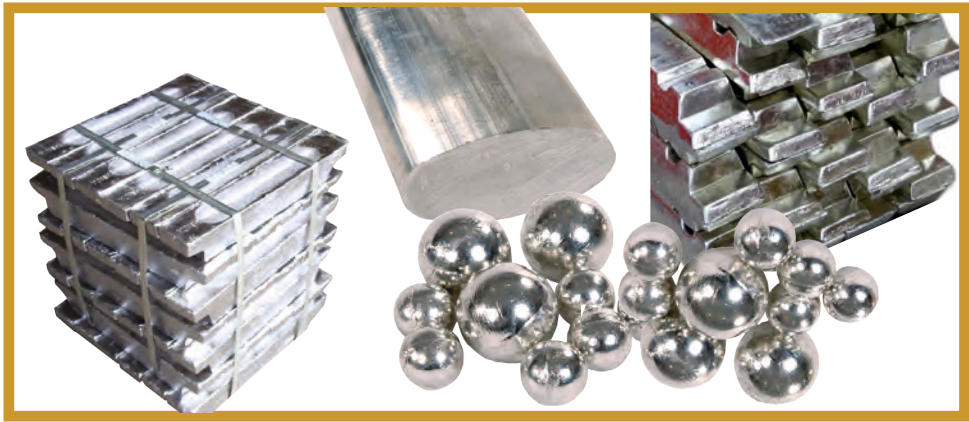


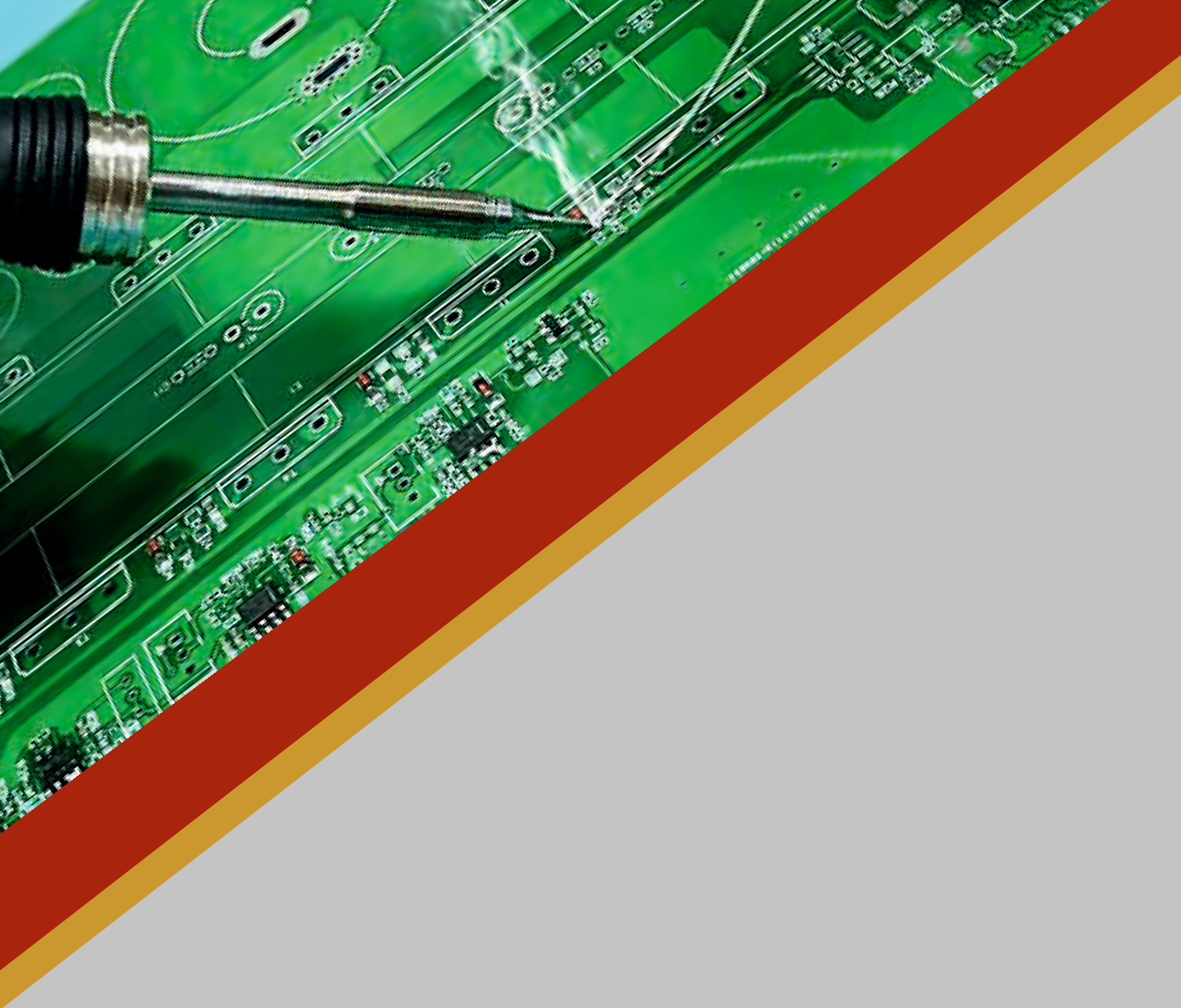
Our Infrastructure

We have a well-equipped infrastructure facility with a full-fledged Lab. Our infrastructure has been divided into different units for the smooth flow of the entire processing operation. Our units are facilitated with contemporary tools and advanced technologies that are essential for presenting immaculate quality soldering products at a rapid production rate.

Other Products

- Tin Ingot
- Tin Anode
- Tin Balls
- Lead ingots





FAKHRI METALS

An ISO 9001:2015 certified company

Manufacturers of Leaded & Lead free Solder Paste, Bars, Wires
Importers of metals like Tin, Lead, White metal & Cadmium



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