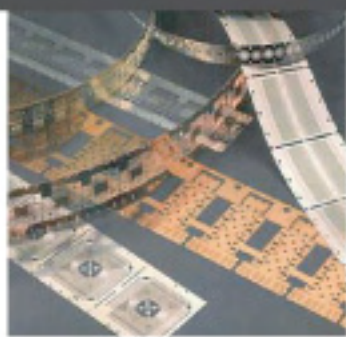


ADVANCE METAL SUBSTRATE TECHNOLOGY SDN. BHD. (391226-D)



PROFILE

History

Advanced Metal Substrate Technology Sdn. Bhd. (AMST) commenced its operations in 1997. The company was then known as Acqutek Technology (Malaysia) Sdn. Bhd. In 2003, the company was renamed AMST, and subsequently acquired by Hexagon Holdings Berhad in July 2005.

Our holding company, Hexagon Holdings Berhad is a public listed company on the Bursa Malaysia Securities Berhad ('Bursa Malaysia') since 1996.



An ISO 9001 : 2000
Certified Company

Our Core Business

Our core business is in the manufacturing of etched leadframe to integrated circuit (IC) assembly houses and other consumer electronic manufacturers. In AMST, we specialize in photo etching process utilising the state of art one pass process of pre-plating, exposing, etching and cutting process in a single line technology that is capable of producing finished leadframe from raw blank in less than 20 minutes. This means high volume with high yield as compared to the traditional batch process.

Apart from above single pass machine, AMST has also invested on a high precision plating technology from Japan.

In addition, AMST has developed many other product enhancement processes such as *Advance Micro-etching (AME) on copper surface treatment, Back-taping for QFN packages, etc. as a value added services to our clients.*

Our skill sets, knowledge and technical expertise in the field of leadframe manufacturing will provide our customers full support and give the total confidence in our product reliability.

H E X A G O N

Hexagon's business philosophy of always exceeding its customers' needs has seen it grow from a once small set-up that began with a simple concept of substituting metal parts with corrosion resistant, lightweight non-metal parts some 24 years ago, to a global multi-disciplined organization serving a diverse range of industries today.

The Group continues to offer premium engineering products and services through three core strategic business focuses:

1. ENGINEERING + DESIGN
2. MANUFACTURING + DISTRIBUTION
3. TRADING + SERVICES

Hexagon's products and services today span more than two-thirds of the globe, with a clientele comprising multinational corporations involved in renewable energy, petrochemical, healthcare, pharmaceutical, oil & gas, retail design and fit-up, telecommunications and semiconductors.

With our philosophy of "quality, on-time delivery and value", The Group is committed to exceeding customer needs via product leadership and operational excellence.

Today, The Group is not only synonymous with the industry's best, but has also successfully been accepted as key partners to various global multi-national customers.



MANUFACTURING FEATURE

This is only operating system where both the plating and etching are completed on single continuous operating time.

It eliminates intermediate inspection procedure with minimal operator handling when compared with conventional technologies.

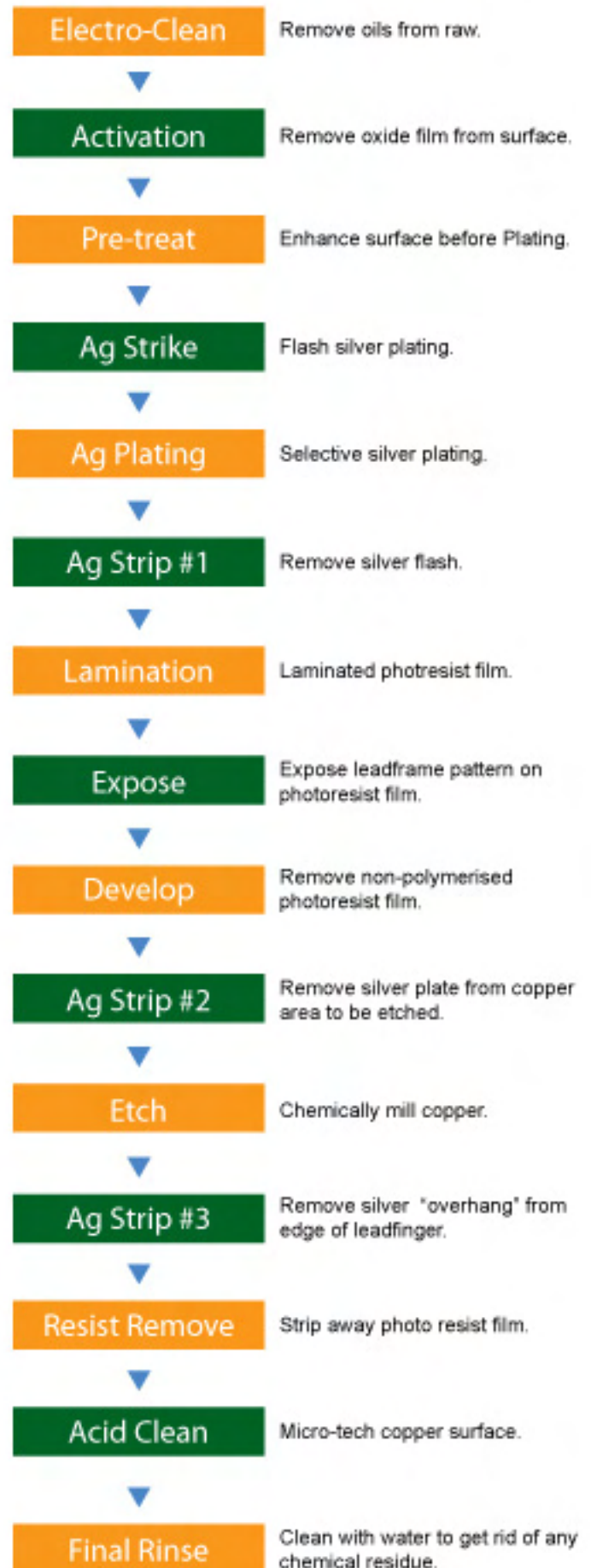
All Chemical Solutions are Computer Controlled to assure stable process parameters.

Delivering the Fastest cycle time in the industry.

In as little as One hour is required to change over a production line to support a new pattern.



WET PROCESS FLOW



PRODUCT & SERVICES

AMST is world class manufacturer of Advanced IC interconnects. With revolutionary patented pre-plate-etched lead-frame manufacturing system, AMST is indeed in an excellent position to provide the semiconductor industry with tomorrow's technology in the manufacturing of etched lead-frame.

With our advanced and unique manufacturing system, AMST is in the position to meet high volumes, high yield and proved to be the most cost effective in the manufacturing of etched lead-frame.

Manufacturing Product



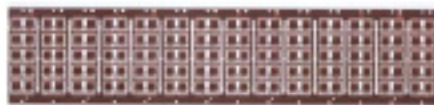
Special Designs & High Growth Packages

- QFN (Micro Leadframe)
- HDLF



High lead count QFP

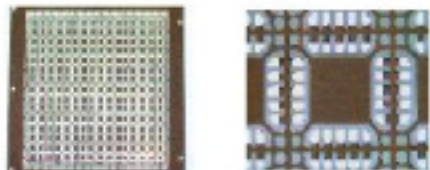
- 160 Leads and up
- High Volumes Capability
- PQFP, MQFP, TQFP



Multi High Matrix Low Pin count Products

- SOIC/ TSOP/ TSSOP/ LOC/ PLCC/ PDIP
- High to Medium Volume
- Matrix and Multi-up

Intermediate Process



Product Enhancement Process Capabilities

- Copper Surface treatment (Advance Micro Etched, AME) for improving de-lamination at Moisture Sensitivity Level 1 preconditioning & reliability testing.
- Back-taping* capability for QFN package.
*Thermoplastic/Thermo-set tape.



Inspection Services



AMST provides its customers with the most comprehensive array of electronic parts and leadframe sorting services in the industry today. Optical and vision equipment are used to detect defect, foreign or mixed parts from production lots. AMST runs the sorting services under class 1K cleanroom environment which believes is one of the best in the industry.