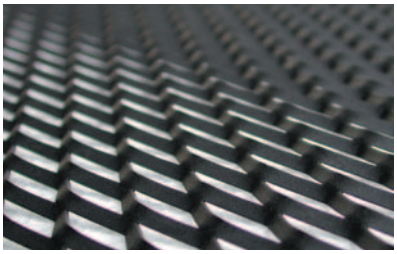
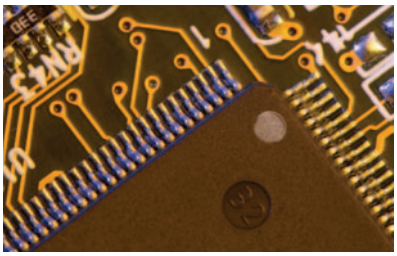
Platinum Anodes



Mesh Anode



Gold Plating in Printed Circuit Boards

Precious Metal Electroplating

De Nora Platinum anodes have a proprietary deposited platinum layer which provides a smooth, non-porous surface, superior wear resistance for long anode life at high current densities.

A variety of complex anode structure's are available from solid sheet or mesh material with electrical connections to tubes, rod and wire.

Base materials available include titanium, niobium and tantalum to meet unique corrosion resistance requirements.

FEATURES & BENEFITS

- A metallic structure designed to provide uniform current distribution over the entire life of the anode.
- Platinum anodes are stable and highly conductive.
- Platinum offers excellent corrosion resistance in many systems.
- Platinum anodes can replace hazardous lead based anodes to eliminate an environmental and health and safety hazard.
- Titanium structure based anodes are lighter for ease of installation and removal.
- Provide high quality plating in demanding fine applications like precious metal plating for jewelry manufacturing.
- Platinum has higher oxygen over-potential versus Mixed Metal Oxide based coatings.
- Industrial structures can be refurbished to reduce costs.
- Anode pricing developed at time of sale to provide a cost based on current precious metal pricing.

APPLICATIONS

- Precious metal electroplating plating for jewelry and electronics
- Plating of hexavalent chromium for automotive and industrial applications
- Production of perchlorate
- Electrolytic organic molecule destruction (EOD)

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