TECHNIC INC
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Product Fact Sheet

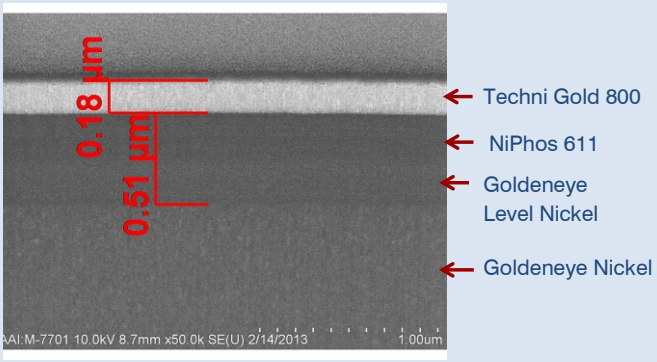
Technic's Goldeneye technology is a line of advanced electroplating processes designed to improve functionality and performance of precious metal deposits in electronic connector plating applications. The key features of Goldeneye technology are: ease of use, enhanced performance and significant savings in gold consumption while reducing operational costs and waste treatment.

Goldeneye
GOLD REDUCTION TECHNOLOGY
Minimal gold with maximum results

Goldeneye Barrier Layer System

Goldeneye Barrier Layer is an advanced barrier layer electroplating system specifically engineered to significantly improve corrosion resistance vs. standard nickel sulfamate or sulfate solutions in connector plating applications. Goldeneye Nickel is the backbone of the system. Goldeneye Nickel enables the deposition of application-specific barrier layer options from a single process chemistry to enhance corrosion resistance, wear resistance, and other deposit properties.

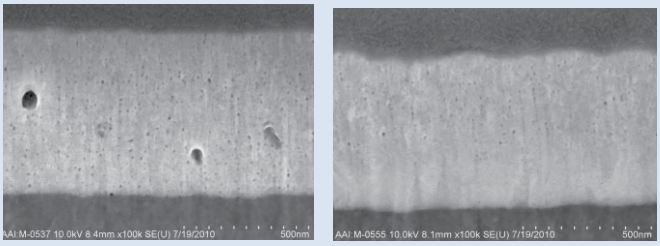
FIB/SEM Cross-Section of Goldeneye Barrier Layer System (50,000X Magnification)



Techni Gold 800 / 900

Breakthrough nickel/cobalt-hardened high speed gold plating chemistries designed to minimize porosity. Designed for use over the Goldeneye Barrier Layer System. Minimal voids observed by FIB/SEM cross-section.

FIB/SEM Cross-Section of Techni Gold 800 Showing Void-Free Au Deposit (100,000X Magnification)

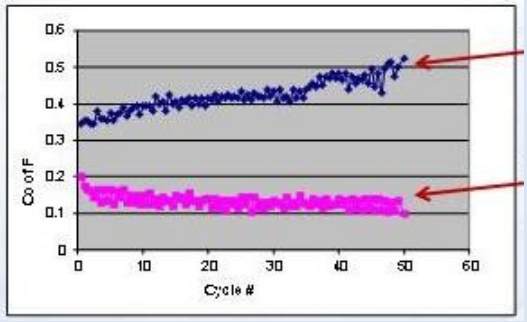


Conventional Gold | Techni Gold 800

Auroguard NP-12

Non-aqueous post-treatment sealant process which enhances gold deposit functionality, including unsurpassed corrosion performance and significantly improved wear resistance. The Auroguard NP-12 coating is thermally stable, and the process chemistry is non-flammable and halogen-free.

Coefficient of Friction Results for Au deposits with and without Auroguard NP-12 (After 1,000 hours at 150°C)



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Feature	Benefit
Significant Savings	Improved functionality of the Goldeneye system enables customers to plate lower Au thicknesses resulting in significant cost savings: Example Current Au thickness = 40µin Goldeneye Au thickness = 10µin **Equals savings of 75%** If a customer is using 100,000 tr. oz. per year **75% = 75,000 tr. oz per year** **Equals $96,000,000*** per year cost savings ** Based on a gold price of $1,280/tr. oz.*
Enhanced Performance	Goldeneye enables customers to satisfy the most stringent end-user corrosion specifications including the Nokia 2-hr NAV test for gold.
Improved Productivity	Due to its superior thickness distribution, Goldeneye Nickel enables higher line speeds to be implemented in applications where Ni thickness is the limiting factor.
Lower Operational Costs/ Reduced Waste Treatment Burden	Since Goldeneye Nickel operates at a lower nickel metal concentration compared to conventional nickel sulfamate solutions, running costs decrease / waste treatment burden is reduced.