



## PreciseAU™ Biosensor Films

### Raising the Gold Standard by Lowering Its Cost

Gold and platinum are often chosen for the thin films used in biosensor electrodes because of their high electrical conductivity and resistance to corrosion. Unfortunately, these precious metals represent a significant cost element and their rising prices have made it even more challenging for biosensor manufacturers to stay competitive.

We're proud to introduce you to our new **PreciseAU™ Biosensor Films** - our response to increasing precious metal prices.

With a breakthrough technology applied during the sputtering process, we are able to reduce the consumption of precious metals by up to 30% while still achieving the same film conductivity and performance levels. Thanks to PreciseAU™ Biosensor Films, biosensor manufacturers can realize significant cost savings and decrease their dependency on volatile precious metal spot prices.

### Who We Are

With over 50 years of thin film manufacturing experience and state-of-the-art wide-web sputtering equipment, we are the expert in the roll-to-roll sputtering, precision wet coating and laminating fields. Saint-Gobain is committed to providing our customers with outstanding quality and exceptional value by developing innovative, high-performance solutions for your thin film needs.

Need a custom solution? Our scientists and engineers stand ready to partner with you throughout the entire life cycle of your product - from design and development to prototype and into full production.

### Contact Us

To find out how Saint-Gobain Custom Films can meet your healthcare manufacturing needs, email [customfilms@saint-gobain.com](mailto:customfilms@saint-gobain.com) or visit us at [www.custom-films.com](http://www.custom-films.com).

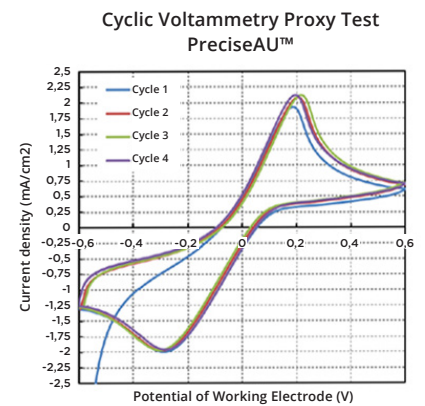
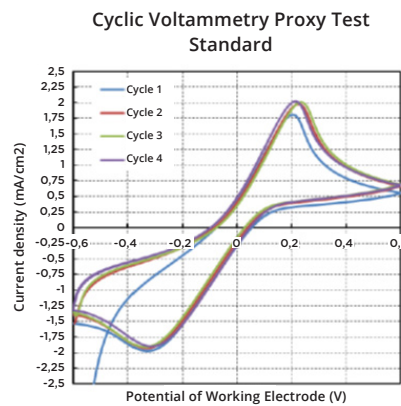
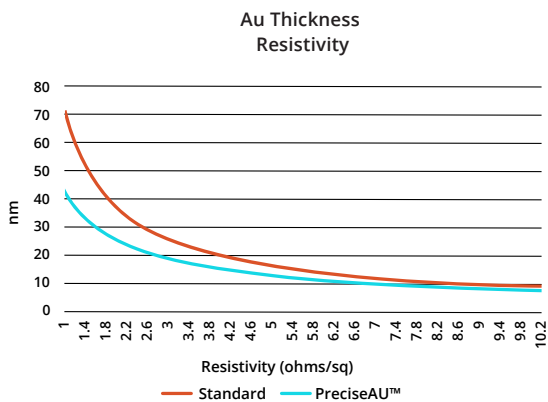


# PreciseAU™ Biosensor Films

Reducing the Price Tag of Precious Metals Used in Biosensor Components

## How Do We Do It?

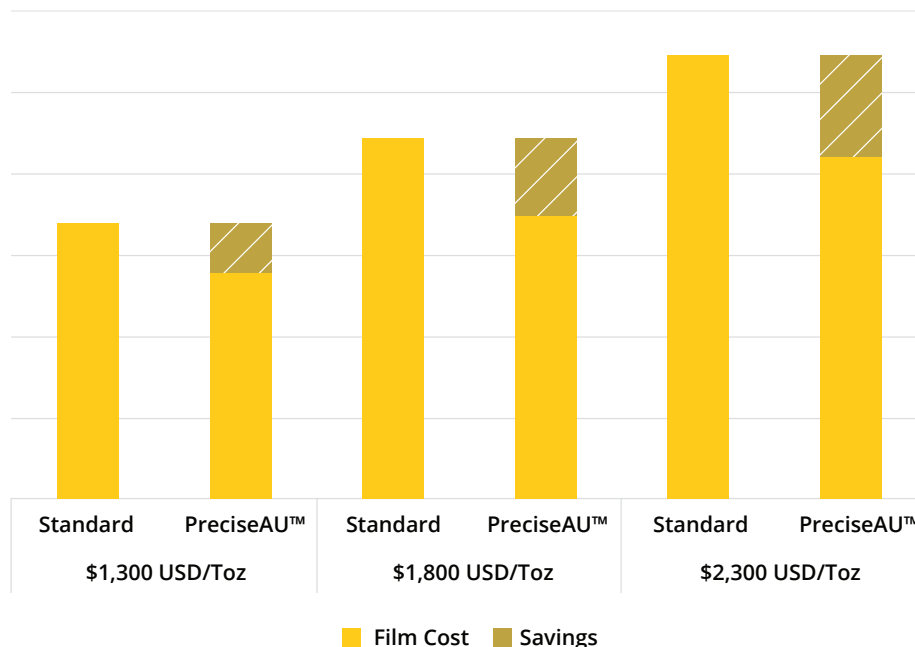
Our industry-leading R&D team has developed an IP-protected, optimized sputtering deposition process that achieves the same resistivity levels with less precious metals.



## Significant Cost Savings

The chart below outlines potential cost savings based on an example of a gold sputtered film at different spot prices. Cost savings are exponential, meaning the higher the precious metal spot price, the higher the savings.

Exponential Cost Savings



## Contact Us

To find out how Saint-Gobain Custom-Films can help you reduce the cost of your biosensor components email [customfilms@saint-gobain.com](mailto:customfilms@saint-gobain.com) or visit us at [www.custom-films.com](http://www.custom-films.com)

