



新榮科技公司

SUN WING TECHNOLOGY COMPANY

香港九龍長沙灣長順街 20 號時豐中心 9 樓, 908 室

Workshop 8, 9/F, Premier Centre, 20, Cheung Shun Street, Lai Chi Kok, Kowloon, Hong Kong

Tel: (852) 2396 2884, (852) 2332 8806 Fax: (852) 2332 8806, (852) 2787 4865

E-mail: [sunwingt@netvigator.com](mailto:sunwingt@netvigator.com), [sunwingtech@gmail.com](mailto:sunwingtech@gmail.com)

Web Site: <http://www.sunwingtechnology.com>

## 白金鈰網陽極

白金鈰網將白金包覆在鈰網上，令此陽極光滑、均勻及無孔隙，特別適用高速及高電流密度之鍍液。白金鈰網抗化學腐蝕強及導電率特佳，令所需之電壓遠比白金鈰網低，能節省能源，故為貴金屬電鍍最佳之選。

一般使用壽命比白金鈰網長 4-5 倍，比白金鈰網節省成本約 2.5 倍，同時電流分佈佳，高低電位差較少，使鍍層厚度均勻，從而節省電鍍成本。

應用範圍：

Type A 白金鈰網主要應用於卷對卷電鍍和貴金屬電鍍，也可用于回收陽極陽化及電鑄等。Type B 白金鈰網主要應用於鋁輪殼電鍍和特殊鍍液。

此陽極 PT 厚度為 125  $\mu\text{in}$  或 250 $\mu\text{in}$ ，包覆於單面或雙面。

## **Platinum Niobium Anode Expanded Mesh**

Our Platinum Niobium Anodes offer a smooth, uniform, non-porous layer of platinum metallurgically bonded to a niobium substrate. With its chemically resistant and advanced conductivity properties, the "densely packed" platinum anode surface offers a superior performance in both high speed and high current density applications. Therefore, making the **Sun Wing Anode** the right choice for both precious and base metal plating baths.

## **Optimum Life/Superior Control**

**Sun Wing Platinum Niobium Anode Mesh** is cost efficient. Often lasting as much as 4-5 times longer than platinum plated products. That's a potential 250% increase in cost efficiency over plated anodes.

Niobium has much higher conductivity than Titanium, thus saving electricity. It has very good current distribution leading to more uniform plating thickness. Therefore, it can save precious metal particularly in thick metal plating and reduce the plating cost.

Type A anode mesh is mainly suitable for precious metal and reel-to-reel plating. It is also suitable base metal plating, electrolytic recovery, anodizing, electroforming, and some fluoride applications. Type B anode mesh is mainly suitable for wheel hub plating, and some electrochemical process manufacturing.

Platinum thicknesses of 125 $\mu$ m or 250 $\mu$ m on one or both sides; supplied in strip or expanded mesh. Anodes can be fabricated to customer specifications.