

MEDICAL DEVICE  
COMPONENTS



# Platinum Tungsten 8% wire APAC manufacturing



# Platinum Tungsten 8% wire

Bringing our Pt-8W wire manufacturing expertise to the Asia-Pacific region

## Expanding Pt-8W alloy wire manufacturing

Committed to platinum excellence for over 200 years, we have long been known as the **standard in platinum manufacturing**. Expanding our platinum tungsten wire expertise into our Australian manufacturing facility allows us to further meet the demands of the rapidly growing Asia-Pacific medtech industry. Localized production benefits include:

- Reduced lead times from our Australian manufacturing facility compared to our Eastern USA facility
- Reduced shipping costs to deliver within the APAC region
- Optimized ordering quantities focused on medtech-industry volume levels compared to general industrial batch sizes
- Global platinum tungsten wire manufacturing capable of servicing OEMs and contract manufacturers out of both North America and Asia Pacific

## Platinum tungsten alloy wire applications

Pt-8W wire has emerged as a vital component in the production of medical devices, particularly in applications such as **embolization coils** and **guidewire tip coils**. This alloy combines the excellent biocompatibility and radiopacity of platinum with the high tensile strength and stiffness of tungsten. Its unique properties make it a reliable choice for critical medical procedures where coil durability, fluoroscopic visibility, and patient safety are paramount.

## Commitment to manufacturing quality

Our Australian manufacturing facility employs advanced processes and meticulously maintained equipment, all manned by an experienced technical team, to manufacture platinum tungsten wire of uncompromising quality. Our commitment to deliver excellence to the medtech industry goes beyond certifications in just **ISO 9001** and **ISO 14001**.

Soon after launch of Pt-8W wire from our Australia facility, we'll receive **ISO 13485** certification, solidifying our commitment to deliver the highest standard of platinum tungsten wire for use in medical devices.



### Pt-8W wire typical specification<sup>1</sup>

Alloy Composition	92 % Platinum 8% Tungsten $\pm 1\%$
Impurities	ASTM B561-94
Tensile Strength	As per customer specification
Elongation %	As per customer specification
Wire diameter	Down to 75 microns <sup>2</sup>

1. Testing specifications performed in accordance with NATA accreditation.
2. Future capability down to 30 microns to be later added.

Contact our technical experts today

+1-800-528-2075

info@medicaldevicecomponents.com

www.medicaldevicecomponents.com

