



Pt90 Ir10 Platinum Iridium Based Material With Ring Metal Tube Alloy Medical Tube

Our Product Introduction

for more products please visit us on victory-alloy.com

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Pt90/Ir10
- Minimum Order Quantity: 5 Kg
- Price: Negotiable
- Packaging Details: carton or wooden cases,Per buyer request (wooden case for ceramic pad heating element)
- Delivery Time: 7 to 20 Days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Name: Platinum-Iridium Tube
- Model Number: PT-IR
- Material: 90%platinum 10%iridium
- Shape: Marker Band
- Thinkness: Min 0.025mm
- Tolerance: +0.01mm-0.01mm
- Density: 21.6g/cm3
- Application: Radiopaque Marking, Ring Electrodes, Cardiac Rhythm Management Devices, And Catheter
- OD: 0.2-8mm
- Thickness: 0.015 - 0.75mm
- Length: 1mm And Customized
- Highlight: **Medical Tube Iridium Based Material, Ring Metal Platinum Iridium Based Material, Pt90 Ir10 Platinum Iridium Based Material**



More Images



Product Description

Introduction:

Pt90/Ir10 platinum iridium tube is a type of tube used in the medical field, which includes platinum labeling rings and platinum ring electrodes. Platinum iridium tubes have excellent biocompatibility and corrosion resistance, making them suitable for the manufacturing of medical devices such as pacemakers and medical marker rings. Platinum labeling rings and platinum ring electrodes are commonly used for positioning and guidance to ensure accurate placement and stable performance of medical devices. This material also has excellent conductivity, which can effectively transmit electrical signals, thus ensuring the normal operation of medical equipment.

Parameter:

Material	Platinum iridium
Chemical Composition	Pt90Ir10
OD	0.2-8mm
Thickness	0.015 - 0.75mm
Length	1mm and customized
Application	radiopaque marking, ring electrodes, cardiac rhythm management devices, and catheter
Packing	Plastic Box
Certificate	CE, RoHS, ISO

**Application:**

Pt90/Ir10 platinum iridium tubes have various specific applications in the medical industry, including:

Pacemakers and defibrillators: Pt90/Ir10 platinum iridium tubes are used to manufacture electrodes for pacemakers and defibrillators. These electrodes need to have good biocompatibility and corrosion resistance to ensure good long-term contact with heart tissue while maintaining stable performance.

Radiation therapy: Pt90/Ir10 platinum iridium tubes can be used as shells or catheters for radiation sources in radiation therapy. Its high density and corrosion resistance make it an ideal material for controlling the direction and intensity of radiation, thereby accurately treating tumors and minimizing damage to surrounding normal tissues.

Interventional surgery: In interventional surgery, medical marker bands are usually made of Pt90/Ir10 platinum iridium tubes. These marking rings are used to mark specific positions inside medical devices to assist doctors in accurately positioning instruments or monitoring devices during surgery, thereby improving the accuracy and safety of surgery.

MULTI-OCCASION APPLICATION

Development ring is mainly used in biomedicine. It is used as a marker for X-ray development of the distal working area in interventional therapy



Medical treatment



Chemical industry



Scientific research



Brain pacemaker



Cardiac pacemaker



Interventional therapy

Feature:

Biocompatibility: Suitable for contact with human tissues and will not cause rejection or allergic reactions.

Corrosion resistance: It has excellent corrosion resistance and can be used stably for a long time in the internal environment.

High temperature performance: able to withstand high temperature environments and maintain stable performance.

Excellent mechanical performance: with high strength and wear resistance, suitable for various demanding application scenarios.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu