



# Aussiemet



## AM24YP

## Technical Chart

Aussiemet AM24YP Superbright is yellow gold plating solution for decorative using pen plating rectifier. The main feature highlighted as below:

- Bright Pleasing Deposit Appearance
- 24 karat gold colour
- Good wear resistance
- Controlled Deposition Speed
- Can be used at room temperature
- Abrasion resistant light and bright coatings
- Meets Nickel Free Requirements

### Technical Specification

|                        |                                   |
|------------------------|-----------------------------------|
| Operating Temperature: | Room temperature (20-30 °C)       |
| Voltage:               | 6 - 10 volts (optimum at 8 volts) |

The rate of deposition will vary according to the Brush loading / Pressure and the rate will also decrease with time as the concentration of metal depletes during plating.

### Deposition Data

|           |                     |
|-----------|---------------------|
| Coating:  | Yellow Gold Plating |
| Fineness: | 99.9 % Rh           |
| Colour:   | Shiny Yellow        |
| Hardness: | 90-100 HV           |

## Equipment

- A tampon pencil including a supply of tampon tips.  
This pencil is normally a plastic holder with a connection to the rectifier. The absorbent and exchangeable tampon tips are inserted into a suitable contact socket at the front end of the holder.
- Brush yellow gold-plating Aussiemet Superbright AM24YP.
- Rectifier with adjustable voltage up to at least 10 volts.

## Additional Information

### PRETREATMENT

- Electroclean and ultrasonic clean parts to ensure they are free from grease.
- Rinse with deionised water.
- Activate parts in 10% v/v Sulphuric Acid for about 10 - 20 secs.
- Rinse with deionised water.
- Dry.

### OPERATING PARAMETERS

The baths will normally be used in hand held equipment specifically designed for Decorative Brush Plating. This equipment is similar to a pen and the following sequence is commonly used.

- I. Pour out a small amount of Aussiemet's brush plating solution in a dish.
- II. The brush pen tip is dipped in the solution contained in the dish to wet the pad material.
- III. The part to be plated is made cathodic.
- IV. The pen tip is rubbed against the selected area to be plated whilst a DC Voltage is applied across the circuit.
- V. Typically plating times are a few seconds only.
- VI. Keep 'used solution' in a separate container.  
[Do not contaminate the original Brush Plating Solution with the used solution.]

## SAFETY INFORMATION

**Caution:** Superbright Aussimet AM24YP is a corrosive to the skin, eyes and mucous membranes. Caution should be exercised when using the product, avoiding contact with the eyes and skin. Use gloves and safety goggles.

Note:

Aussimet always recommends:

1. Before handling any ordered product please carefully read the relevant MSDS.
2. Please treat spent solutions in accordance with the in place regulations.



## Aussimet

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