

### AURICOR 103N-250ML

GOLD FLASH PLATING SOLUTIONS FOR BATH

Colour : **Yellow 3N**

Use : **Bath**

Colour coordinates : **L:89.6**

**a:4.0**

**b:28.5**

#### Product description

AURICOR 103N is an alkaline gold plating solution totally heavy metals free, suitable to deposit a layer of yellow gold with a color 3N

#### Operating conditions

Parameter	Average suggested value
Deposition time	45 seconds
Temperature	50 °C
Voltage	4.0 V
Current density	2.0 A/dm <sup>2</sup>
Cathodic efficiency	10 mg/Amin
Deposition speed	0.12 u/min
Anodes	Ti/Pt net or Stainless Steel
Agitation	Moderate
Ventilation	Necessary

#### Maintenance of plating bath

For small plating solution volumes ( up to 10 litres ) we suggest to use the bath without replenisher . For higher volumes we suggest to use the related replenisher composing the bath:

- **AURICOR 110RAG ( 1ml = 10 mg of silver )**,add 14 ml every 100 Amin.
- **AURICOR 110RCU ( 1ml = 10 mg of copper )**,add 8 ml every 100 Amin.
- **AURICOR 100RGL ( 1ml = 100 mg of gold )**,add 11 ml every 100 Amin.
- **AURICOR 100BS**,add after analysis.
- **AURICOR 100SF**,add after analysis.
- **AURICOR 100RA**,add 5 ml every 100 Amin.

#### Safety Information

Please refer to the safety data sheets for any information regarding safety and disposal ( MSDS ).

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#### Preparation of the galvanic bath

In order to prepare 1 L of ready to use solution is necessary following the right steps :

1. Arrange the working tank switching on the ventilation and all the safety devices.
2. Add 1 bottle of AURICOR 103N-250ML .
3. Add 750 ml of demineralised water and mix
4. Set the right working temperature

Wait till the working temperature and start with plating operation

#### Notes

Instructions indicated in Our Process technical data sheets are the result of attentive checks and have been written as a guideline. They represent the best of our knowledge and refer to a normal use of our products. Such products are guaranteed in their quality up to the delivery: we cannot guarantee for the correct use of them, as this action is not under our direct control (addition or correction to plating baths are made by customer's personnel). As a consequence, process instructions have not to be intended as a guarantee of the final result in the use of our products.

#### Products related

Cod.Articles	Description	Colour	Packaging
OR026602	AURICOR 103N gold plating solution concentrated	3N	250 ml
OR027101	AURICOR 110RAG silver replenisher		1 L
OR027201	AURICOR 110RCU copper replenisher		1 L
OR027301	AURICOR 100RGL gold replenisher liquid 100 g/l		1 L
OR027501	AURICOR 100SF make up salts		1-25 Kg
OR022710	AURICOR 100BS make up solution		1-25 L
OR020705	AURICOR 100RA Brightener additive		250 ml