

### AURICOR 524

GOLD PLATING SOLUTION FOR THICKNESS (Au/Co)

Colour : **Yellow 24k**

Use : **Bath**

Colour coordinates : **L:84.5**

**a:7.8**

**b:30.6**

#### Product description

AURICOR 524 is a weak acid plating solutions for use in gold brightened thickness deposition with transition metals and innovative organic additives. These galvanic solutions produce strong bright gold coats of 23 -24 carats which provide excellent resistance to corrosion.

#### Operating conditions

Parameter	Average suggested value
Deposition time	300 seconds
Temperature	30 °C
Voltage	3.0 V
Current density	1.0 A/dm <sup>2</sup>
Cathodic efficiency	25 mg/Amin
Deposition speed	0.20 u/min
Anodes	Ti/Pt net
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 540RI ( 1ml = 40 mg of indium )**,if required.
- **AURICOR 540RC ( 1ml = 40 mg of cobalt )**,add 1 ml every 100 Amin.
- **AURICOR 500RGL ( 1ml = 100 mg of gold )**,add 25 ml every 100 Amin.
- **AURICOR 500SA**,add after analysis.
- **AURICOR 500SB**,add after analysis.
- **AURICOR 500SC**,add after analysis.
- **AURICOR 500RA**,add 2 ml every 100 Amin.

Or **AURICOR 524R**,add 250 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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#### Products related

Cod.Articles	Description	Colour	Packaging
OR013701	AURICOR 524 Gold plating solution ready to use	24 k	4.0 g/l
OR015001	AURICOR 524-BS Make up solution		1 - 25 L
OR010101	AURICOR 524R Replenisher unit		2g/200ml
OR013901	AURICOR 540RI Indium replenisher 40 g/L		1 L
OR014001	AURICOR 540RC Cobalt replenisher 40 g/L		1 L
OR014201	AURICOR 500RA Additive replenisher		1 L
OR014401	AURICOR 500RGL gold replenisher in liquid form		100g/l
OR014501	AURICOR 500SA pH corrector salts		1 Kg
OR015101	AURICOR 500SB Stabilizing salts		1 Kg
OR011501	AURICOR 500SC Conducting salts		1 Kg