

AURICOR 502N

GOLD PLATING SOLUTION FOR THICKNESS (Au/In/Ni)

Colour : **Yellow 2N-18k**

Use : **Bath**

Colour coordinates : **L:84.0**

a:5.1

b:27.5

Product description

AURICOR 502N 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 ²
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)**,add 1 ml every 100 Amin.
- **AURICOR 540RN (1ml = 40 mg of nickel)**,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 502NR**,add 250 ml every 100 Amin.

Safety Information

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

AURICOR 502N

GOLD PLATING SOLUTION FOR THICKNESS (Au/In/Ni)

Colour : **Yellow 2N-18k**

Use : **Bath**

Colour coordinates : **L:84.0**

a:5.1

b:27.5

Products related

Cod.Articles	Description	Colour	Packaging
OR013801	AURICOR 502N Gold plating solution ready to use	2N-18k	4.0 g/l
OR014301	AURICOR 502N-BS Make up solution		1 - 25 L
OR010201	AURICOR 502NR Replenisher unit		2g/200ml
OR013901	AURICOR 540RI Indium replenisher		1 L
OR014101	AURICOR 540RN Nickel replenisher		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