

## AURICOR 300 *series*

GOLD FOR PEN PLATING

Colour : **from Yellow to Pink**

Use : **Pen**

Colour coordinates : **See table 2 pag.3**

### Product description

AURICOR 300 series are gold pen plating solutions developed for decorative applications and easy to use. The products composing the AURICOR 300 series are:

- **AURICOR 301N** ( gold pen plating solution ready to use ; Au 1.0 g/100ml )
- **AURICOR 302N** ( gold pen plating solution ready to use ; Au 1.0 g/100ml )
- **AURICOR 303N** ( gold pen plating solution ready to use ; Au 1.0 g/100ml )
- **AURICOR 306N** ( gold pen plating solution ready to use ; Au 1.0 g/100ml )
- **AURICOR 324** ( gold pen plating solution ready to use ; Au 2.0 g/100ml )

### Application field

The product composing the AURICOR 300 series are normally used for flash deposition by pen plating on precious metals. In case of non precious metals, it's necessary to pre-plate with a precious metal like rhodium, gold, palladium, silver. The alloy composition is generally between 20 and 24 Kt.

### Operating conditions and deposit data

Parameter	UM	Operative range	Optimum
Gold concentration	g/l	1.0 - 2.0	See the product description
Temperature	°C	Room temperature	Room temperature
Deposition time	s	30 - 60	—
Voltage	V	7.0 - 10.0	See TABLE 1

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### Adding information 1/2

#### Packaging

The product is contained in a high-density polyethylene bottle.

#### Preparing objects

For maximum performance the objects to be treated should be cleaned beforehand using ultrasound wash treatments and special cleaning agents, then subjected to electrolytic degreasing treatment. For best results use of the CLEANOR 101 (see technical sheet) electrolytic degreaser is recommended.

#### Temperature

The AURICOR 300 series works perfectly at room temperature. The deposition with the traditional white tips requires particular attention from the operator. Take care with high voltages, because they can cause different hues from the desired one. In this case we underline the importance of the operator, which means that only with the experience with the product can understand the right parameters in order to obtain the perfect result.

#### The right voltage ( TABLE 1 )

Product	Brown tips	White tips	Graphite tips
AURICOR 301N	7 - 9	8 - 10	3 - 5
AURICOR 302N	7 - 9	8 - 10	3 - 5
AURICOR 303N	7 - 9	8 - 10	3 - 5
AURICOR 306N	8 - 10	9 - 11	6 - 8
AURICOR 324	7 - 9	8 - 10	3 - 5

#### Equipment

The AURICOR 300 series must to be applied by pen with pen plating machines or similar. The best tips for our experience are the brown ones softer compared with the white ones.

#### Galvanic bath maintenance

The AURICOR 300 series does not require any maintenance.

#### Safety Information

AURICOR 300 series is a slightly alkaline, not corrosive and not toxic solution. Anyway, being a chemical compound, caution should be exercised, avoiding contact with the eyes and skin. Use gloves and safety goggles. For further information please refer to the relative safety sheet ( MSDS ).

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### Adding information 2/2

Colour coordinates ( TABLE 2 )

Product	L	a	b
AURICOR 301N	90.4	0.6	35.5
AURICOR 302N	90.1	1.8	29.9
AURICOR 303N	90.0	3.5	28.5
AURICOR 306N	85.7	10.6	15.2
AURICOR 324	88.4	4.6	35.5

### Related products

Cod.Article	Description	Colour	Packaging
OR027601	AURICOR 301N gold pen plating solution	1N	1.0g/100ml
OR027701	AURICOR 302N gold pen plating solution	2N	1.0g/100ml
OR027801	AURICOR 303N gold pen plating solution	3N	1.0g/100ml
OR027901	AURICOR 306N gold pen plating solution	6N	1.0g/100ml
OR028001	AURICOR 324 gold pen plating solution	24Kt	2.0g/100ml