

# Plating inside of tube

ERG plates not only outside, but also inside of tubes to meet the needs of ERG's customers.

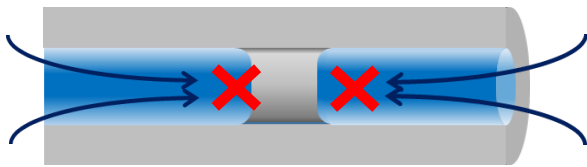
when ID of a tube get thinner, or its length becomes longer, plating inside of the tube is getting more difficult, and this result in no plating inside or other troubles easily.

ERG can plate such difficult tube not only outside, but also inside.

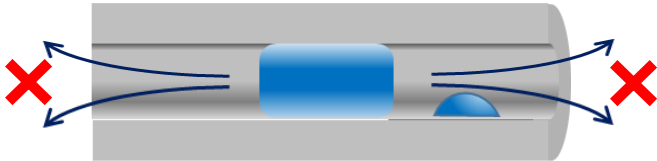
## Features

It is difficult to get plating inside central area of a tube, and as a result, inside no plating or poor coverage occurs easily. ERG developed own plating process to solve the above problems such as no plating inside.

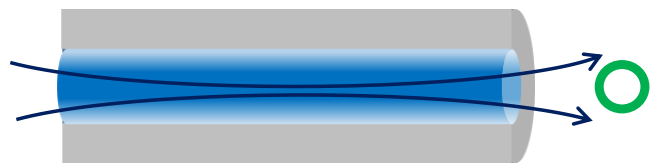
As to plate inside of a tube, plating solution is hard to accomplish inside the tube.



Solution remains in the tube

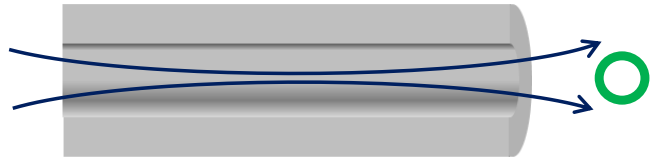


By ERG's plating process, solution can penetrate inside of the tube completely.



Removal ↓ ↑ Penetration

no solution remains in the tube



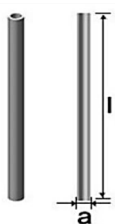
Accomplishing solution into tube, or removing residual solution from the tube are both difficult with increasing length of tube, or decreasing ID of tube ⇒ no plating or other troubles may occur due to residual solution or lack of treatment.

By ERG's special process, the residual solution in the tube can be completely replaced with new solution ⇒ Inside tube can also be treated well without any problems.

Stable contact resistance & good sliding properties!

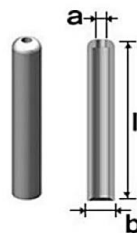
For example :

Shape 1



ID (a)	0.5mm or so.
Length(l)	50.0mm or so
Material	Copper, Iron and Steel, etc.
Track Record	50,000 pieces/day or so

Shape 2



Tip ID (a)	0.15mm or so.
End ID(b)	0.20mm or so
Length(l)	3.00mm or so
Material	Copper, Iron and Steel, etc.
Track Record	50,000 pieces/day or so

Contact us for any of your plating needs including shapes, deminsion, etc..

## Plating available

- Nickel
- Gold
- Contact us for any of your plating needs.

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