

Manufacturing program

Last update: 25th March 2018

The following table gives an overview of the standard reel-to-reel electro- plating program at IONICS. For other requests, please do not hesitate to contact us.

Metal	Substrates	Plating	Underlayer	Full plating	Selective immersion	Strip plating	Spot plating
Nickel	coppery, ferrous	Nickel		Yes	Yes		
Tin	coppery, ferrous	Tin bright Tin matt	Nickel Copper	Yes	Yes		
Gold	coppery, ferrous	Gold	Nickel Copper	Yes	Yes	Yes	Yes
Silver	coppery, ferrous	Silver (+ anti-tranish)	Nickel Copper	Yes	Yes		

Full plating

This technique requires that the strip is completely submerged in the electrolytes.

Selective immersion plating

The strip is partially plated during the process by means of a dipping depth control.

Strip plating

This technique allows applying stripes on solid and stamped strips.

Spot plating

This technique allows depositing repeatable, 2-dimensional gold-structures, on one side or both sides of solid and stamped strips.

Dimensions

Maximum height: 90 mm (+ 10 mm)

Minimum thickness: 0.3 mm

Remark

The data of the present technical data sheet are not contractual and may be amended in line with technological progress relating to the product.