

PHOTO ELECTROFORMING Technology

SURON's in-house photo electroforming process is a highly accurate build-up of material on top of the product surface, which results in burr-free edges and an extra-fine surface quality, which is almost mirror-like. Photo electroforming is ideal for thin and geometrically complex parts.



2025



SURON
Precision Solutions

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Feature	Standard Value
Material	Nickel-Cobalt (Ni95-Co5)
Metal thickness range (T)	0.005 mm - 0.20 mm (.0002"-.008")
Part maximum size	610X780 mm (24"x30.7")
Minimum hole/slit size	Ø 100%T * Down-to absolute 0.05 mm (.002")
Minimum line width between two openings	0.035mm (0.0014")
Minimum inner corner radius	R0.040 mm (0.0016")
Minimum dimensions tolerance	±0.010 mm (.0004")

Suron's major advantage is the unique ability to manufacture with a wide array of metal types, on thin sheets, with extreme precision

