

From the President:



Welcome to NiCoForm!

We are a dynamic company that has a strong and continuously expanding technical foundation. We pride ourselves on being a vendor who listens, knows how to, and is willing to serve your needs. Our project engineers are always available to assist in solving your complex technical issues. If you want to rely on the technical expertise of a premier electroforming organization- you have come to the right place!

As an engineer who has spent his career believing in the ideals above, I am building a company that lives by them. We offer a quick quoting process, fast delivery, outstanding quality and personal service that we stand behind. Please let me know how we are currently meeting your needs, and what we can do to better serve you in the future.

Thank you for your interest in NiCoForm.

E-mail: platerb@nicoform.com
Phones 585/454-5530 or 585/576-0977

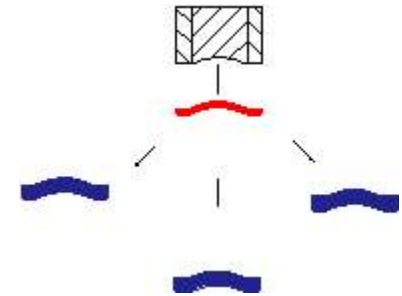
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- ▶ Electroforming
- ▶ Part rebuilding
- ▶ Electroplating
- ▶ Consulting



Service with your
needs in mind

Taking the Stress out of
Electroforming

We are a Rochester (NY) company specializing in electroforming and electroplating for engineering applications. We electroform in our proprietary high strength nickel-cobalt alloy, NiColoy™, copper, gold and other materials.

► Electroforming

We will electroform on mandrels supplied by you or machined to your prints:

- **Catheter tipping dies**
- **Precision optical and nanofluidic mold** inserts
- **Bellows and IR cold shields**
- **Many other products** - please call with your applications

Benefits of electroforming:

- **Rapid prototyping**
- **Precise replication** of surface features and dimensions
- **Multiple identical replicas** from a single original reduce tooling cost
- **Difficult** to machine **geometries** can be replicated with relative ease
- **Wide selection** of mandrel materials, both metallic and non-metallic

► Mold component repair

We will help you **rebuild** worn or undersized **components** by selectively electroplating a tightly adherent layer of stress-free, machinable and weldable

NiColoy™ on undersized or mismachined areas. After plating, the parts can be machined to the required size.

We can plate on the following **substrates**:

- **Tool steels** - S 7, H 13, A 2, P 20 etc.
- **Stainless** steels - 300 and 400 series
- **Brass, Copper** and its alloys
- **NiColoy or nickel plating** and many others

From **0.0001"** up to **0.25"**, the thickness and stress of our plating are accurately controlled, the surface finish and mechanical properties are tailored to meet your requirements.

Deposits available:

Metal	Hardness
Soft NiColoy™	Up to 25 R _c
Hard NiColoy™	40 - 50 R _c
Copper	<200 Vickers
Gold	Soft or hard

Benefits of part restoration:

- Mold components can be **quickly** rebuilt at a fraction of the cost of new parts
 - Unlike welding, electroplating is carried out at a low temperature **preventing heat-induced distortions** and loss of strength
 - **Internal surfaces and threads** can be uniformly built up
 - NiColoy™ coatings have **improved wear** and **release** properties, frequently eliminating the need for a release agent during molding
- To request a quotation, please**

download the RFQ form from our web site.

► Consulting

- Electroforming **facility design** and **upgrade**
- NiColoy™ process **licensing**
- Electroforming process design, **troubleshooting**, and optimization

Our 15 - minute slide show explains NiCoForm's processes and capabilities in greater detail. You can download the slide show from our web site and play on any Windows computer.

What we guarantee you:

- Fast and courteous service
- Full attention to your needs
- Quick turnarounds
- Competitive pricing

For additional information or to bring our presentation to your facility, please:
585/454-5530

Call:

toll-free: 877/278-0098

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Visit our web site <http://www.nicoform.com>

On the web you will find: descriptions of our processes and services, technical articles, downloads of newsletters, computer presentations, company news and more