

HEATBATH®

C O R P O R A T I O N



ELECTROLESS NICKEL
FUNCTIONAL AND DECORATIVE COATINGS

ISO 9001 Certified

HEATBATH[®]

C O R P O R A T I O N

NITEC[®] ELECTROLESS NICKEL SYSTEMS

Heatbath Corporation offers a comprehensive line of proprietary electroless nickel plating systems to meet all of your functional and decorative coating requirements. Our electroless nickel products are manufactured using the purest grade of materials, blended in designated, state-of-the-art equipment and subjected to strict quality control testing to ensure our customers receive the highest quality, dependable products. Heatbath offers technical expertise with over 80 years of metal finishing experience. Our philosophy of total line responsibility means you can count on us for all of your finishing requirements.

Our Nitec[®] electroless nickel products are robust systems offering long bath life, consistent plating rates, exceptional bath stability and reproducible quality. Our baths are simple to control and easy to operate.

This brochure is intended to show a sampling of just some of the electroless nickel products we have to offer.



NITEC® HIGH-PHOS (10-13% Phosphorus)

High-phosphorus electroless nickel products are used for their superior corrosion resistance and non-magnetic coatings. The coatings produced are ELV and RoHS compliant.

Nitec® 8200

An easy to use, high-phosphorus system formulated to provide a highly corrosion resistant, smooth deposit. Coatings produced are semi-bright and will pass the RCA Nitric Acid test.

Nitec® 8500

Same as Nitec 8200 but the pH is automatically controlled with normal replenishment additions.

NITEC® MID-PHOS (5-9% Phosphorus)

Mid-phosphorus electroless nickel plating is the most commonly used in the industry. The coatings produced are known for their bright, aesthetically pleasing appearance. They provide good corrosion protection as well as hardness and wear resistance.

Nitec® Viro-Brite

Cadmium and lead free electroless nickel process. Coatings produced are ELV and RoHS compliant. Exceptionally mirror bright. Deposit contains 6-10% phosphorus. Also available as pH self-regulated.

Nitec® 9200

A mid-phosphorus electroless nickel system formulated to provide the EN plater an easy to operate, high speed bath.

Nitec® 9500

Same as Nitec 9200 but the pH is automatically controlled with normal replenishment additions.

NITEC® LOW-PHOS (1-4% Phosphorus)

Low-phosphorus electroless nickel coatings are known for their high as-plated hardness and wear resistance. They also offer improved solderability, increased corrosion protection in alkaline environments and higher temperature resistance.

Nitec® 5100

A simple to use, low-phosphorus system formulated to produce a hard, semi-bright, uniform deposit.



SPECIALTY EN PRODUCTS

Nitec® Alk-EN II

Alkaline electroless nickel system formulated to produce thin nickel-phosphorus deposits on aluminum, steel, copper and zinc die-castings. It can be used as a base layer to be plated over, improving adhesion, solderability and corrosion resistance. When used over zincated aluminum, it can extend the life of the subsequent EN bath.

Nislip 510

A composite mid-phos electroless nickel system designed to produce a uniform nickel-phosphorus alloy with ultra-fine Teflon particles co-deposited for lubricity.

Heatbath also supplies a complete line of surface pretreatment products.

Visit our website at www.heatbath.com or call us direct at 413-452-2000 to speak to one of our Technical Service Representatives.



Heatbath[®]
C O R P O R A T I O N

P.O. BOX 51048
INDIAN ORCHARD, MASSACHUSETTS 01151-5048
TEL: 413•452-2000 • FAX: 413•543-2378
www.heatbath.com

CHICAGO, ILLINOIS • DETROIT, MICHIGAN
Warehouses In Principal Cities • Licensees In Foreign Countries

Manufacturers of Metal Finishing and Heat Treating Products for Over 80 Years.