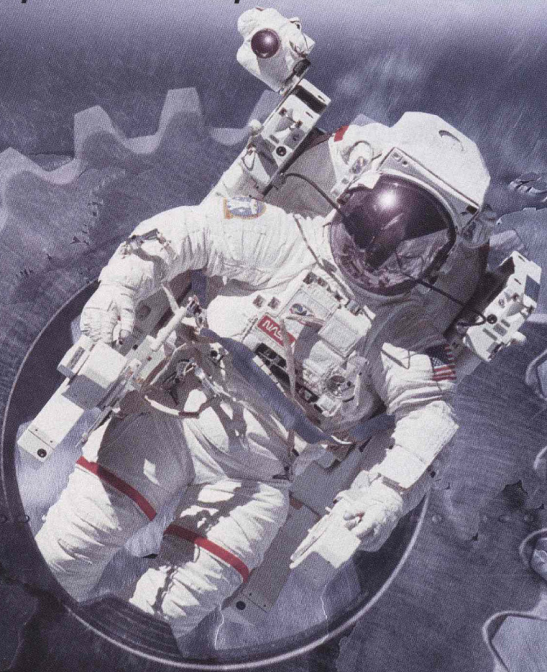


NON-CYANIDE SILVER ZINEX SILVERGLEAM

The Zinex Silvergleam process is a full bright cyanide-free process. Silvergleam contains no cyanide and no cyanide based salts are required.



FEATURES

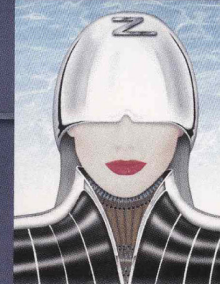
- Cyanide Free
- Has excellent throwing power
- Easy to control
- Requires no additional equipment
- Electroless Plate

BENEFITS

- Pollution control is simplified & waste disposal cost is greatly reduced.
- Allows plating of complex shaped parts.
- Additions determined by AA, X-ray, fluorescent or titration.
- Tanks & equipment used for cyanide Silver can easily be converted.
- No strike required and will plate extremely complex items ranging from electronic to decorative.

ZINEX CORPORATION

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ZINEX SILVERGLEAM

Preparation of Bath

Silvergleam is a Non-Cyanide process that is easy to control and suitable for rack and barrel applications.

Operating Parameters

Temperature	60-80°F
pH	8.0
Current Density	2-5 ASF
Voltage	0.8-1.2
Anodes	Platinum Clad Titanium
Agitation	Solution Movement & Cathodic Arm
Filtration	10-20 micron
Tank Material	Lined or polypropylene

Solution Maintenance

Routine analytical and trouble shooting procedures are performed on a daily basis.

Electroless Deposition

The Zinex Silvergleam process is suitable to use as immersion plating in certain applications.

PRODUCT SUITABILITY CHART

CHARACTERISTICS								PRODUCT CONTENT							SUITABLE TO PLATE OVER										UNDERCOAT TO			TEMPERATURE RANGE										
THROWING POWER OF BATH	CORROSION RESISTANCE		SUITABLE TO COAT OVER SUBSTRATE		HARDNESS	MOST INTENDED USAGE		SPECIFIC GRAVITY	MELTING POINT	FUME HOOD REQUIRED	CYANIDE	CHROME	CHELTATORS	ORGANICS	SELENIUM	LEAD	HYDROXIDES	ZINC CASTINGS	POT METAL	PEWTER	ELECTROLESS NICKEL	PLATED NICKEL	COPPER	STEEL	SINTERED METAL	TIN	LEAD	STAINLESS STEEL	ALUMINUM	GOLD	SILVER	NICKEL	160°F	140°F	100°F	80°F	70°F	
G	G	G	Hard to Polish	Good	Replace Cyanide Silver	10.46	961°C	N	N	N	N	N	Y	Y	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	N/A	N/A	N	N	Y	Y	Y

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