

APPLICATION	Base Metal	Deposit – Mills Approx.	Reason For Use													
			Wear Resistance	Corrosion	Repair & Salvage	Fretting Resistance	Release Properties	Magnetism	Solderability	Base for Electroplating	Infinite Throw	Thickness Control	Uniform Coating	Electroless Forming		
AUTOMOTIVE																
Heat Sinks	Al	4		X						X		X				
Pistons	Fe	6	X	X												
Engine Bearings	Al		X	X												
Hose Couplings	Fe	2	X													
Gears and Gear Assemblies	Fe	0.4-1.0											X	X		
AIRCRAFTS																
Engine Overhaul	Fe	1.0+	X	X	X							X	X			
Struts	S / S	1.0-2.0			X							X				
Landing Gear	Fe	1.0+	X	X	X											
Hydraulics	Fe	1.0+														
Propellers	Fe	1.0+	X	X	X											
Hinges	Fe	4	X								X					
Tape Guides	Al	2	X													
Engine Mounts	4130 4140	1.0-2.0	X	X											X	
Turbine Parts	Fe	1.0-2.0													X	
Gyro Parts	Fe	0.5-1.0	X													
CHEMICAL EQUIPMENT																
Tanks	Steel and SS	2.0-5.0		X												
Pumps	Steel and SS	2.0-5.0	X	X												
Filters	Steel and SS	2.0-5.0	X	X												
Heat Exchangers	Steel and SS	2.0-5.0		X												
Spray Nozzles	Fe / Cu	0.3-1.0	X	X								X	X	X		
Tubing	Cu / Al Fe / SS	0.5-2.0	X	X								X	X	X		
RAILROAD																
Diesel Shafts	Fe	1.0+	X		X	X						X	X			
ELECTRICAL MOTORS																
Variable Speed Shafts	Fe	0.5+	X		X								X			
Rotor Blades, Starter Rings	Fe / Al	0.5-5.0	X	X												
PRINTING ROLLS																
	Fe / Cu	0.8-1.5	X	X											X	
OIL WELLS & MINNING																
Drills & Pipes	Fe	1.0+	X	X	X	X						X				
Oil Drilling Equipment	Fe / SS	2.0-3.0		X												
MOLDS																
Moldes for ZDC	Fe	1.0-3.0	X	X	X		X					X	X			
Extrusion Dies	Fe	0.3-3.0	X	X	X		X					X	X			
MILITARY																
Fuse Assemblies	Fe	.5		X												
Mortar Detonators	Fe	.4		X								X	X			
Wave Guides	Al	0.3-1.5		X											X	
Mirrors	Al / Be	5.0-7.0											X	X		
VALVIES (Gale)	Fe / Al	0.5-2.0	X	X								X	X	X		
VALVIES (Ball)	Fe / Al	0.5-2.0	X	X								X	X	X		
VALVIES (Plug)	Fe / Al	0.5-2.0	X	X								X	X	X		
TEXTILE																
Drop Wires	Fe	0.01	X	X									X			
Spinnerets	S / S		X	X	X		X					X	X			
ELECTRONICS																
Heat Sinks	Al	0.4		X				X	X							
Memory Drums	Al	0.1								X						
Terminals	Fe	0.1						X	X	X	X					
Lead Wires	Fe	0.1							X	X	X					
Chassis	Al	0.5		X					X	X	X					
Transistors	Fe	0.2		X						X	X	X				
Al High Frequency Signal Selectors	Al	0.5-1.5		X								X				
Form Complex Parts / Small Electrical	Al	1.0-4.0														X
Al & High Temp Plastic and Other Electronic Junction	Al / Plastic	0.3-0.5	X	X					X							
P.C.	P. C. Boards	0.2-0.5						X	X							
MATERIAL HANDLING																
Hydraulic Shafts	Fe	1.0	X	X		X	X					X	X			
Hydraulic Cylinders	Fe	1.0	X	X		X	X					X	X			