

Chemicals: Phthalic Acid - Potassium Bichromate

(A) Excellent = Recommended    (B) Good = Recommended    (C) Fair (limited life)    (X) Not Recommended

Chemical	Concentration (%)	Temp.		PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE	Chemical	Concentration (%)	Temp.		PVC	CPVC	PP	PVDF	TEFLON	VITON	EPDM	NITRILE		
		°C	°F											°C	°F										
Phthalic Acid C <sub>6</sub> H <sub>4</sub> (COOH) <sub>2</sub>		20	68	A		A	A	A	A	A	A	Plating Solutions (Zinc)		20	68					A	A	A			
		40	104				A	A						40	104					A					
		60	140				A	A						60	140					A					
		80	176				A	A						80	176					A					
		100	212				B	A						100	212					A					
		120	248					A						120	248					A					
Picric Acid C <sub>6</sub> H <sub>2</sub> (OH)(NO <sub>2</sub> ) <sub>3</sub>	10	20	68	A	A	A	A	A	A	A	B	Polyethylene Glycol H(OCH <sub>2</sub> CH <sub>2</sub> ) <sub>n</sub> OH		20	68	A	A	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A	A	A	A			B	40	104	A	A	A	A	A	A	A	A	A
		60	140	A	A	A	A	A	A	A	A			C	60	140	A	A	A	A	A	A	A	A	A
		80	176		B	A	A	A	B	B	X				80	176		B	B	A	A	A	A	A	
		100	212				A	A	C						100	212				A	A	A			
		120	248					A							120	248				A	A				
Plating Solutions (Brass)		20	68	A	A	A	A	A	A			Poly Aluminium Chloride [Al <sub>2</sub> (OH) <sub>n</sub> Cl <sub>6-n</sub> ] <sub>m</sub>		20	68	A	A	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A						40	104	A	A	A	A	A	A	A	A		
		60	140	A	A	A	A	A						60	140		A	A	A	A	A	A	A		
		80	176		B	A	A	A						80	176					A	A	A	A		
		100	212				A	A						100	212										
		120	248				B	A						120	248										
Plating Solutions (Cadmium)		20	68	A	A	X	A	A	A	A		Polyvinyl Acetate [CH <sub>3</sub> COOCH <sub>2</sub> =CH <sub>2</sub> ] <sub>n</sub>		20	68				A	A	A	A	A	A	
		40	104	A	A		A	A						40	104				A	A					
		60	140	A	A		A	A						60	140				A	A					
		80	176		B		A	A						80	176				A	A					
		100	212				A	A						100	212				A	A					
		120	248				A	A						120	248				A	A					
Plating Solutions (Chrome)		20	68	A	A	X	A	A				Polyvinyl Alcohol [-CH <sub>2</sub> -CH(OH)-] <sub>n</sub>		20	68	A	A	A	A	A	A	A	A	A	
		40	104	A	A		A	A						40	104	A	A	A	A	A	A	A	A	A	
		60	140	B	A		A	A						60	140	A	A	A	A	A	A	A	A		
		80	176		B		A	A						80	176			A	A	A					
		100	212				A	A						100	212				A	A					
		120	248				B	A						120	248				A	A					
Plating Solutions (Copper)		20	68	A	A	A	A	A	A	A		Potash (Potassium Carbonate) K <sub>2</sub> CO <sub>3</sub>		20	68	A	A	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A						40	104	A	A	A	A	A	A	A	A	A	
		60	140	A	A	A	A	A						60	140	A	A	A	A	A	A	A	A	A	
		80	176				A	A						80	176			A	A	A	A	A	A	A	
		100	212				A	A						100	212				A	A	A				
		120	248					A						120	248				A	A					
Plating Solutions (Gold)		20	68	A	A	X	A	A	A	A		Potassium Acetate CH <sub>3</sub> COOK	Satu	20	68	A	A	A	A	A	A	A	A	A	
		40	104	A	A		A	A						40	104				A	A					
		60	140	A	A		A	A						60	140				A	A					
		80	176				A	A						80	176				A	A					
		100	212				A	A						100	212				A	A					
		120	248				A	A						120	248				A	A					
Plating Solutions (Lead)		20	68	A	A	A	A	A	A	A		Potassium Alum K <sub>2</sub> SO <sub>4</sub> Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	Satu	20	68	A	A	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A						40	104	A	A	A	A	A	A	A	A	A	
		60	140	A	A	A	A	A						60	140	A	A	A	A	A	A	A	A	A	
		80	176				A	A						80	176			A	A	A	A	A	B	B	
		100	212				A	A						100	212				A	A	A				
		120	248				A	A						120	248				A	A					
Plating Solutions (Rhodium)		20	68	A	A	A	A	A	A	A		Potassium Aluminum Silicate Al <sub>2</sub> O <sub>3</sub> ·K <sub>2</sub> O·6SiO <sub>2</sub>		20	68	A	A	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A						40	104	A	A	A	A	A	A	A	A	A	
		60	140	A		A	A	A						60	140	A	A	A	A	A	A	A	A	A	
		80	176				A	A						80	176			A	A	A	A	A	A	A	
		100	212				A	A						100	212				A	A	A				
		120	248				A	A						120	248				A	A					
Plating Solutions (Silver)		20	68				A	A	A	A		Potassium Bicarbonate KHCO <sub>3</sub>	Satu	20	68	A	A	A	A	A	A	A	A	A	
		40	104				A	A						40	104	A	A	A	A	A	A	A	A	A	
		60	140				A	A						60	140	A	A	A	A	A	A	A	A	A	
		80	176				A	A						80	176			A	A	A	A	A	A	A	
		100	212				A	A						100	212				A	A	A				
		120	248				A	A						120	248				A	A					
Plating Solutions (Tin)		20	68	A	A	A	A	A	A	A		Potassium Bichromate K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	Satu	20	68	A	A	A	A	A	A	A	A	A	
		40	104	A	A	A	A	A	A	A				40	104	A	A	A	A	A	A	A	A	A	
		60	140	B	B	B	A	A	A	B					60	140	A	A	A	A	A	A	A	A	A
		80	176				A	A	B						80	176			B	B	A	A	A	A	B
		100	212				A	A						100	212					A	A	A			
		120	248				B	A						120	248					A	A				