

SOLDERING IRON : TEMPERATURE CHART

APPLICATION	RECOMMENDED TEMPERATURE		Common Solder / Tool
	Fahrenheit	Celcius	
Electronics & PCB Soldering	600°F	315°C	Sn60/Pb40 or Sn63/Pb37
Through-Hole Assembly	625°F	330°C	Sn60/Pb40
Surface Mount Technology (SMT)	518 - 600°F	270–315°C	Leaded or lead-free paste
Soldering Copper Pipes (Plumbing)	700 - 752°F	370–400°C	Lead-free solder (Sn97Cu3)
Stained Glass & Mosaics	680 - 725°F	360–385°C	50/50 or 60/40 solder
Jewelry Making & Repair (Soft Soldering)	600 - 750°F	315–400°C	Silver-bearing solder
Engraving & Wood Burning (Pyrography)	600 - 900°F	315–482°C	Wood burning pen tips
Working with Plastic (Hot Knife)	300 - 480°F	149–249°C	Plastic welding tips
Lead-Free Solder (General)	450 - 650°F	232–343°C	SAC305 or Sn99.3Cu0.7