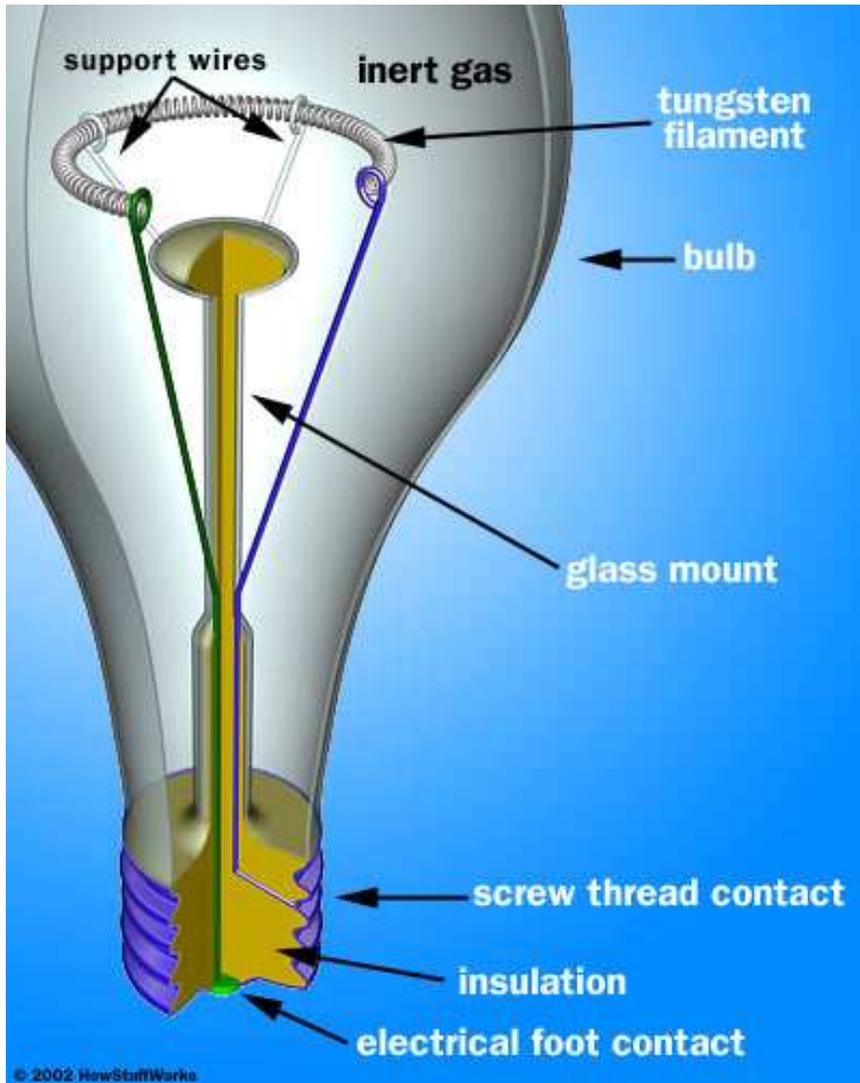


# Incandescent Light Bulb



- voltage drives electric current through filament
- electric current heats up filament
- hot filament emits radiation
- radiation has significant intensity in visible range around 4000 degrees Fahrenheit.
- most energy is emitted in the form of heat (infrared radiation)
- inert gas (e.g. argon) regulates heat transport and prevents oxidation
- tungsten has high melting point