

	Solid	Liquid	Gas
Description	Have definite structure and shape	Have definite mass and volume, not shape	Have definite mass, not volume or shape
Space between particles	Particles are very close together	Particles are close together	Particles are far apart
Force of attraction	Very Strong	Weaker than solids	Not bound by force of attraction
Movement of Particles	Very little freedom of movement. Vibrate in place	More freedom of movement	Complete freedom of movement
Energy	Lowest	Medium	Highest

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	Compressible Fluids	Incompressible Fluids
Definition	Its volume can be reduced by exerting a force on the fluid	Impossible to decrease the volume by exerting a force
State	Gas	Liquid
Example	Air, Propane Tanks.	Blood, Hydraulic Brakes
Why?	Particles are far apart.	Particles are close together
Pressure vs. Volume	Increased Pressure = Decreased Volume Decrease pressure = increase volume	Constant Volume

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