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Pressure is defined as - ✓✓ The force per unit area acting on a surface in a direction perpendicular to that surface

Gas is defined as - ✓✓ A phase of matter

In the gas phase, the atoms or molecules basically move - ✓✓ Randomly

Liquids change to a gas at - ✓✓ their respective boiling points

Hydraulics is a branch of science and engineering concerned with the mechanical properties of - ✓✓ Liquids

When applying pressure to a fluid, the pressure is exerted - ✓✓ In all directions equally

A mechanical gauge is used when measuring gas pressure in a sealed container. For all common pressure gauges, the pressure indicated on the gauge is - ✓✓ Less than absolute pressure because gauges (and gauge pressures) ignore the ambient (barometric) pressure around us. They only measure the extra pressure in the container.

Absolute pressure can be defined as - ✓✓ The amount of pressure within the sealed vessel + the amount of pressure outside the sealed vessel

Absolute pressure can also be defined as - ✓✓ Gauge pressure + atmosphere, total pressure and, true pressure.

1 atmosphere equals - ✓✓ 760 mmHg
14.7 psi
33 fsw

Hyperbaric Tech Study Guide

JR Anderson



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