

# ACOUSTIC PRESSURE

ACOUSTIC PRESSURE ALSO KNOWN AS SOUND PRESSURE IS THE DEVIATION FROM THE AMBIENT ATMOSPHERIC PRESSURE CAUSED BY A SOUND WAVE.

IT IS ESSENTIALLY THE FORCE EXERTED BY SOUND ON A GIVEN AREA. ESSENTIALLY IT IS THE FLUCTUATION IN PRESSURE CAUSED BY SOUND WAVES MOVING THROUGH A MEDIUM LIKE AIR OR WATER.

# AMBIENT PRESSURE

WE LIVE SURROUNDED BY AIR, WHICH HAS A CERTAIN PRESSURE WE CALL AMBIENT PRESSURE.

# SOUND WAVE AND PRESSURE

WHEN A SOUND SOURCE VIBRATES, IT CREATES COMPRESSIONS AND RAREFACTIONS IN THE SURROUNDING MEDIUM, CAUSING LOCAL PRESSURE VARIATIONS.

# ACOUSTIC PRESSURE

THE ACOUSTIC PRESSURE IS TYPICALLY MEASURED IN PASCAL. IT CAN ALSO BE EXPRESSED AS A SOUND PRESSURE LEVEL IN DECIBEL.