

Vapour Quality

[@wikipedia](#)

A mass fraction of the [vapour](#) in a [fluid mixture](#):

(1)
$$x = \frac{m_g}{m}$$

where

m_g	mass of vapour in fluid mixture
m_l	mass of liquid in fluid mixture
$m = m_l + m_g$	total mass of fluid mixture

See also

[Natural Science](#) / [Physics](#) / [Thermodynamics](#) / [Thermodynamic system](#) / [Thermodynamic equilibrium](#) / [Phase Equilibrium](#) / [Vapour Liquid Equilibrium \(VLE\)](#) / [Vapour Liquid Envelope](#)

[[State of matter](#)] [[Pure substance](#)] [[Mixtures](#)] [[Fluid Mixtures](#)] [[Phase](#)] [[Liquid Quality](#)]

[[Dew Point Curve](#)] [[Bubble Point Curve](#)]