

Critical Point = (Tc, Pc)

@wikipedia

A property of a [Pure Substance](#) represented by the end point (T_c, P_c) of a [Vapour Liquid Equilibrium \(VLE\)](#) curve above which the [liquid](#) and [gas](#) state of a [Pure Substance](#) do not have a distinct boundary (see **Fig. 1**).

It is characterized by [critical temperature](#) T_c and [critical pressure](#) P_c , both being a [material property](#).

blocked URL

Fig. 1. Schematic PT diagram with Vapour Liquid Equilibrium and Critical Point (T_c, P_c) .

See also

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

[[State of matter](#)] [[Pure substance](#)] [[ritical Temperature \$T_c\$](#)] [[Critical Pressure \(\$P_c\$ \)](#)]

[[Mixtures](#)] [[Fluid Mixtures](#)] [[Pseudo-Critical Point \(Tc, Pc\)](#)]