

Supercritical Fluid = SCF (state of matter)

@wikipedia

A medium-compressible state of matter: $c(p) \neq \text{const}$, staying above Critical Point (T_c, p_c) .

Also called Fluid alongside with Liquid, Gas and Plasma.

Table 2. Basic comparison of typical gases, liquids and supercritical Fluids

	Density (kg/m ³)	Viscosity (μPa·s)	Diffusivity (mm ² /s)
Gases	1	10	1 ÷ 10
Supercritical Fluids	100 ÷ 1000	50 ÷ 100	0.01 ÷ 0.1
Liquids	1000	500 ÷ 1000	0.001

See also

Physics / State of matter

[Fluid]