



Propane - Vapor Pressure vs. Temperature

Vapor pressure vs. temperature.

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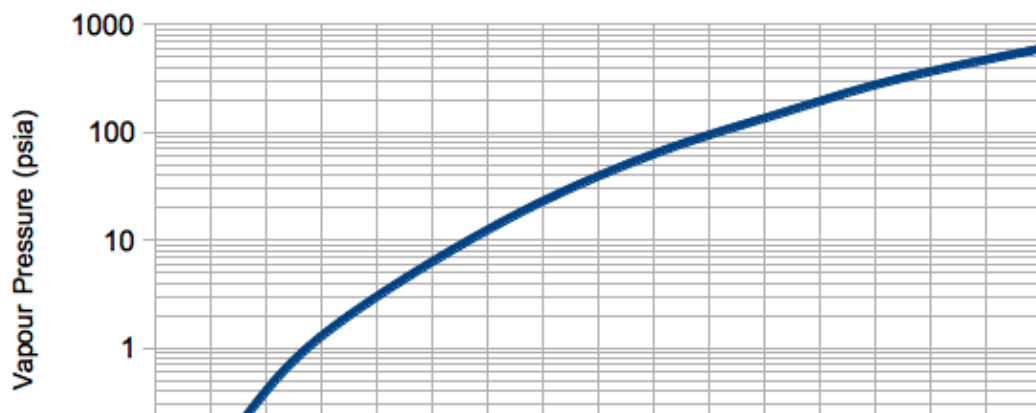
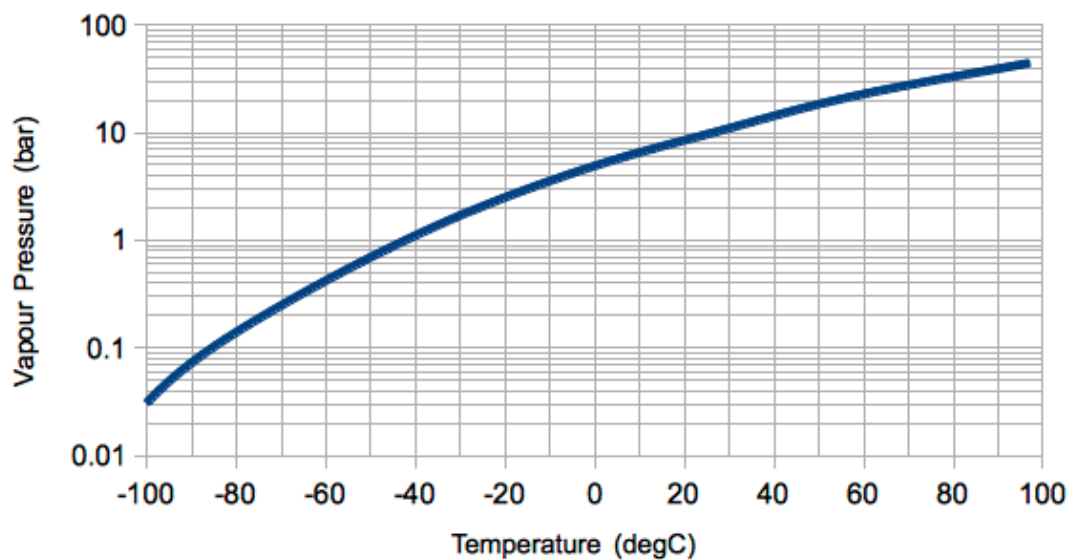
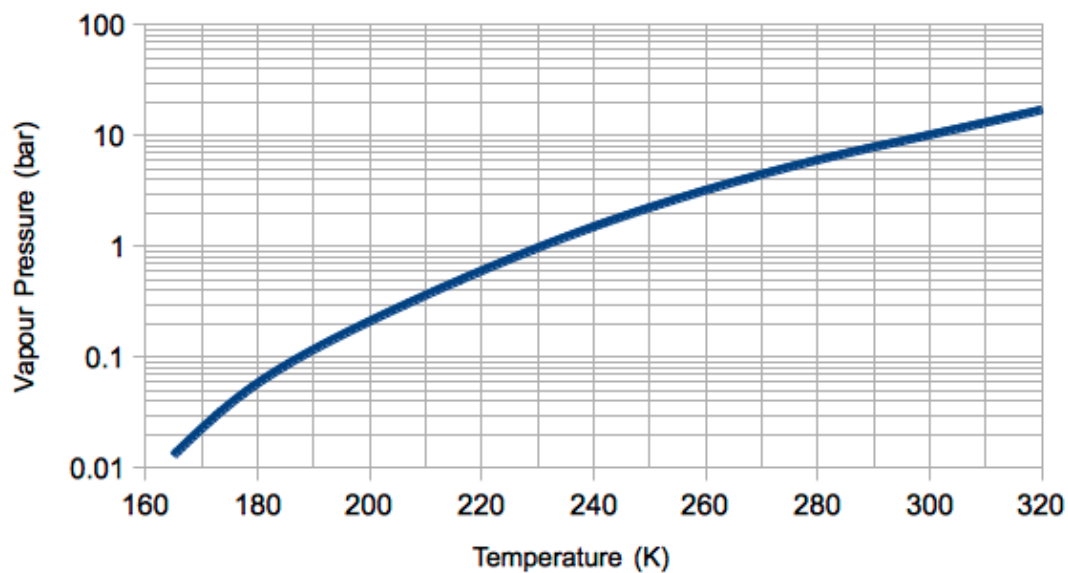
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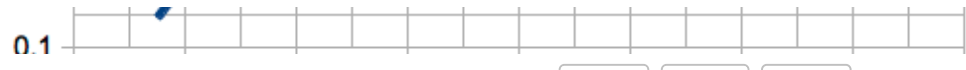
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The vapor pressure of [propane](#) (C_3H_8) depends on the temperature. Vapor pressure of 100% propane:

Propane - C₃H₈

Vapour Pressure(abs)





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Note! The metric chart indicates gauge pressure. The Imperial chart indicates absolute pressure . Imperial gauge pressure can be calculated as

$$psig = psia - (14.7 \text{ psi}) \quad (1)$$

- [Propane Vapor Pressure in pdf-format](#)

See also other properties of **Propane** at **varying temperature and pressure** : [Density and specific weight](#), [Dynamic and Kinematic Viscosity](#), [Prandtl number](#), [Specific heat \(heat capacity\)](#), [Thermal conductivity](#) and [Thermal diffusivity](#), and [Thermophysical properties at standard conditions](#).

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Related Documents

Adiabatic Flame Temperatures



Hydrocarbons - Vapor Pressures

Vapor pressure vs. temperature for propane, n-butane, n-heptane and n-pentane hydrocarbons.

Liquid Densities

Densities of common liquids like acetone, beer, oil, water and more.

Liquids - Vapor Pressures

Vapor and saturation pressure for some common liquids.

LPG - Gas Properties

Liquefied Petroleum - LP - gas properties.

LPG Pipes - Pressure Loss vs. Gas Flow

Resistance and pressure loss in liquid LPG pipes.

LPG Tanks - Relief Valves Capacities

Required capacities of relief valves on LPG vaporizers and tanks.

Propane - Density and Specific Weight vs. Temperature and Pressure



Online calculator, figures and tables showing density and specific weight of propane, C₃H₈, at temperatures ranging from -187 to 725 °C (-305 to 1300 °F) at atmospheric and higher pressure - Imperial and SI Units.

Propane - Dynamic and Kinematic Viscosity vs. Temperature and Pressure

Online calculators, figures and tables showing dynamic and kinematic viscosity of liquid and gaseous propane at varying temperature and pressure, SI and Imperial units.

Propane - Latent Heat of Vaporization vs. Temperature

Latent heat with vaporized propane.

Propane - Prandtl Number vs. Temperature and Pressure

Figures and tables with Prandtl Number of liquid and gaseous propane at varying temperature and pressure, SI and Imperial units.

Propane - Thermal Conductivity vs. Temperature and Pressure

Online calculator, figures and tables showing thermal conductivity of liquid and gaseous propane at varying temperature and pressure, SI and Imperial units.

Propane - Thermal Diffusivity vs. Temperature and Pressure

Figures and tables showing thermal diffusivity of liquid and gaseous propane at varying temperature and pressure, SI and Imperial units.

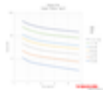
Propane - Thermophysical properties

Chemical, physical and thermal properties of propane gas - C₃H₈.



Evaporation pressure of propane butane mixture vs. temperature.

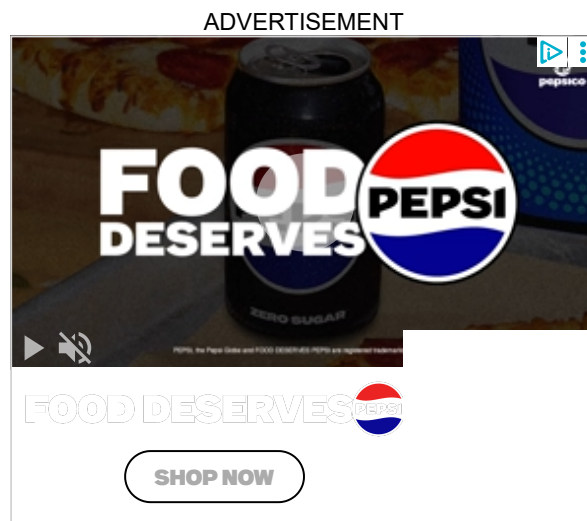
Propane Gas - Sizing of Pipe Lines



Sizing low pressure propane gas pipe lines - Metric units.

Propane Gas Piping - Capacity vs. Size

Sizing of propane gas pipe lines with pressures above 5 psig (35 kPa).



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Unit Converter

Temperature

0.0

☒ °C

☐ K

☐ °F



☒ *m*

☐ *km*

☐ *in*

☐ *ft*

☐ *yards*

☐ *miles*

☐ *naut miles*

Convert!

Area

1.0

☒ *m²*

☐ *km²*

☐ *in²*

☐ *ft²*

☐ *miles²*

☐ *acres*

Convert!

Volume

1.0

☒ *m³*

☐ *liters*

☐ *in³*

☐ *ft³*

☐ *us gal*

Convert!

Weight

1.0

☒ *kg_f*

☐ *N*

☐ *lbf*



☒ *m/s*

☐ *km/h*

☐ *ft/min*

☐ *ft/s*

☐ *mph*

☐ *knots*

Convert!

Pressure

1.0

☒ *Pa*

☐ *bar*

☐ *atmosphere*

☐ *mm H₂O*

☐ *kg/cm²*

☐ *psi*

☐ *inches H₂O*

Convert!

Flow

1.0

☒ *m³/s*

☐ *m³/h*

☐ *US gpm*

☐ *cfm*

Convert!

8.4.18

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