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Fluid pressure is computed from  $p =$

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F/A (3-1) The standard unit for pressure in SI units is the pascal (Pa) or  $\text{N/m}^2$ . Whereas the standard unit for pressure in the U.S. Customary System is  $\text{lb/ft}^2$ , the unit  $\text{lb/in}^2$  (psi) is more convenient and is used most often.

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