



AIR PERMEABILITY CONVERSION FACTORS

Air Permeability in the USA is normally expressed as follows:

Cubic feet per square foot per minute ($\text{ft}^3 / \text{ft}^2 / \text{min}$)@125Pa

When sending results to European customers, send the results in 2 additional ways:

Litres per square meter per second ($\text{L} / \text{m}^2 / \text{sec}$)

Factor: ($\text{ft}^3 / \text{ft}^2 / \text{min}$) x 5.08 = ($\text{L} / \text{m}^2 / \text{sec}$) @125Pa

Cubic centimeters per square centimeter per second ($\text{cm}^3 / \text{cm}^2 / \text{sec}$)

Factor: ($\text{ft}^3 / \text{ft}^2 / \text{min}$) x .508 = ($\text{cm}^3 / \text{cm}^2 / \text{sec}$)@125Pa

When converting air permeability results from metric system:

Metric results x .197 = ($\text{ft}^3 / \text{ft}^2 / \text{min}$)
(Or)

Metric results / 5.08 = ($\text{ft}^3 / \text{ft}^2 / \text{min}$)

(Use the pressure conversions also, if one is necessary)

Pressure conversion factors

- In some countries the reading is taken at 200Pa instead of at 125Pa. The conversion can be assumed to be linear.
- **To convert from an air permeability value taken at one pressure to one taken at a different pressure (This conversion factor may be used in combination others.):**

Factor: (Value@125Pa) x 1.6 = (Value@200)
(Value@200Pa) x 0.625 = (Value@125)

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Page 1
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