

TECHNICAL BULLETIN

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REPLACES: N/A

Relates to:	✓	Roofing Systems
	✓	Air Barrier
		Civil Engineering Waterproofing
		Sopranature

Subject: Perm Conversion Factors

Related Subject: N/A

The following are the ASTM E-96 standards regarding the unit conversion of water vapour permeance:

Metric Units and Conversion Factors:

Unit	Multiply by	To Obtain
ng/(Pa•s•m ²) 1 Perm (inch-pound)	PERMEANCE 0.0175 57.2	1 Perm (inch-pound) ng/(Pa•s•m ²)
g/(h•m ²) grains/(h•ft ²)	Water Vapor Transmission (WVT) 1.43 0.697	grains/(h•ft ²) g/(h•m ²)
g/(Pa•s•m) 1 Perm inch	PERMEABILITY 6.88 x 10 ⁸ 1.45 x 10 ⁻⁹	1 Perm inch g/(Pa•s•m)

Remember: 1 ng = 1 x 10⁻⁹ g

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