

AmPEX - Insulated Radiant PEX Panel

Standard	Description	AMEPX10000P	AMPEX7515F	AMPEX7520F	AMPEX2015F	AMPEX2020F
ASTM D 1622	Density lb/ft ³	N/A	1.51 lbs./ft ³	2.16 lbs./ft ³	1.5 lbs./ft ³	2.2 lbs./ft ³
ASTM C518-10	Thermal Resistance R-value	N/A	4.5 °F.ft ² .h/Btu	4.5 °F.ft ² .h/Btu	10°F.ft ² .h/Btu	11°F.ft ² .h/Btu
ASTM D1621-10	Compressive Strength	N/A	28.0 psi	45.5 psi	28.0 psi	45.5 psi
ASTM C203-05a(2012)	Flexural Strength	N/A	51.9 psi	68.6 psi	51.9 psi	68.6 psi
ASTM E 96/E96M-12	Standard Test Method for Water Vapor Barrier	N/A	23.8 (ng/Pa.s.m ²) 0.42 Perms	17.5 (ng/Pa.s.m ²) 0.31 Perms	23.8 (ng/Pa.s.m ²) 0.42 Perms	17.5 (ng/Pa.s.m ²) 0.31 Perms
overall board size (1 x w)	Inches	49.5" x 26"	49.25" x 25.25"	49.25" x 25.25"	49.25" x 25.25"	49.25" x 25.25"
	cm	125.10 x 66.04	125.10 x 64.14	125.10 x 64.14	125.10 x 64.14	125.10 x 64.14
Usable size (1 x w)	Inches	48" x 24"	48" x 24"	48" x 24"	48" x 24"	48" x 24"
	cm	122 x 61	122 x 61	122 x 61	122 x 61	122 x 61
Overall thickness including grid	Inches	1.0"	1.50"	1.50"	3 3/8"	3 3/8"
	cm	2.54	3.81	3.81	8.57	8.57
Nominal EPS insulation thickness	Inches	N/A	0.75"	0.75"	2.0"	2.0"
	cm	N/A	1.91	1.91	5.08	5.08
EPS Type	USA	N/A	Type II	Type IX	Type II	Type IX
	CANADA				Type 2	Type 3
Pex pipe accommodation	inches	3/8", 1/2", 5/8", 3/4"	3/8", 1/2", 5/8", 3/4"	3/8", 1/2", 5/8", 3/4"	3/8", 1/2", 5/8", 3/4" 1"	3/8", 1/2", 5/8", 3/4" 1"
	cm	.95, 1.27, 1.58, 1.91,	.95, 1.27, 1.58, 1.91,	.95, 1.27, 1.58, 1.91,	.95, 1.27, 1.58, 1.91, 2.54	.95, 1.27, 1.58, 1.91, 2.54
Shipping						
Parts per bundle		50	52	52	18	18
Sq. ft. Per Bundle		400	416	416	160	160
Bundles per Truckload		192	92	92	92	92
Units per truckload*		9600	4784	1656	1472	1472

*NOTE: Actual units per truckload may vary depending on trailer configuration.