

Standard	Description	HRP1015F	HRP2015F	HRP2020F	HRP3050F
ASTMD 1622	Density lb/ft <sup>3</sup>	1.51 lb/ft <sup>3</sup>	1.51 lb/ft <sup>3</sup>	2.2 lbs/ft <sup>3</sup>	3.5lbs/ft <sup>3</sup>
ASTM C518-10	R-Value	5°F.ft <sup>2</sup> .h/Btu	10°F.ft <sup>2</sup> .h/Btu	11°F.ft <sup>2</sup> .h/Btu	12°F.ft <sup>2</sup> .h/Btu
ASTM C518-10	RSI	1.76	1.76	1.94	2.12
ASTM D1621-10	Compressive Strength	30.0 psi	30.0 psi	45.5 psi	60.0 psi
ASTM C20305a(2012)	Flexural Strength	51.9 psi	51.9 psi	68.6 psi	75.0 psi
ASTM E 96E96M-12	Water Vapour Barrier	23.8 (ng/Pa.s.m <sup>2</sup> )	23.8 (ng/Pa.s.m <sup>2</sup> )	17.5 (ng/Pa.s.m <sup>2</sup> )	11.2 (ng/Pa.s.m <sup>2</sup> )
		0.42 Perms	0.42 Perms	0.31 Perms	0.20 Perms
Overall Board Size (LxW)	Inches	49.25" x 25.25"	49.25" x 25.25"	49.25" x 25.25"	49.25" x 25.25"
	cm	125.10 x 64.14	125.10 x 64.14	125.10 x 64.14	125.10 x 64.14
Usable Size (LxW)	Inches	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
Overall Thickness including grid	Inches	1 1/2"	3 3/8"	3 3/8"	3 3/8"
	cm	3.81	8.57	8.57	8.57
Nominal EPS Insulation thickness	Inches	3/4 "	2 1/2"	2 1/2"	2 1/2"
	cm	1.91	6.35	6.35	6.35
EPS Type	Type	Type II	Type II	Type IX	Type XV
PEX Pipe Accomodation	Inches	3/8", 1/2", 3/4"	3/8", 1/2", 3/4", 1"	3/8", 1/2", 3/4", 1"	3/8", 1/2", 3/4", 1"
	cm	.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	.95,1.27,1.58,1.91,2.54