

Green Cell Foam

	Thickness (inches)	R/inch sq.ft*hr*F/BTU	C BTU/(sq.ft*hr*F)	k* BTU*inch/(sq.ft*hr*F)	R value (R/inch X thickness)
Green Cell 1"	1.171	3.613	0.276778301	0.32410739	4.230823
Green Cell 2"	2.076	3.478	0.287521564	0.596894767	7.220328
Green Cell 3"	3.408	3.757	0.266169816	0.907106734	12.803856

Polystyrene Foam

	Thickness (inches)	R/inch sq.ft*hr*F/BTU	C value BTU/(sq.ft*hr*F)	k* BTU*inch/(sq.ft*hr*F)
Polystyrene Bead Board	1	3.57	0.28	0.28
Polystyrene Composite Board	1.5	3.32	0.301	0.4515
Polystyrene - Expanded (EPS)	1	3.85	0.26	0.26
Polystyrene - Extruded (XEPS)	1	5	0.2	0.2
Sprayed Polyurethane Foam	1	6.88	0.15	0.15

Polyethylene Foam

	thickness (inches)	R value/inch sq.ft*hr*F/BTU	C value BTU/(sq.ft*hr*F)	k* BTU*inch/(sq.ft*hr*F)
Polyethylene (73F)	1	1	0.49	0.49
Polyethylene (23F)	1	1	0.42	0.42

*k = thermal conductivity