



Properties of Insulating Materials

Form: B = Board, T = Tube, R = Roll, S = Sheet

Insulation properties are compared at 75° F to ASTM standards. Insulation properties vary depending on the operating temperature of the system being insulated. Call for an accurate insulation value for your specific use.

Form	Type	K Factor	R Factor	Temperature Range °F	Relative Cost
T	Fiberglass Pipe	.23	4.35	0/+850	\$\$
B	3 PCF Board	.23	4.35	+450	\$\$
B	6 PCF Board	.22	4.55	+450	\$\$\$
R	Bendaboard F.G./M.W.	.27	3.7	0/+650	\$\$
R	ETBL	.26	3.85	1000	\$
R	.75 PCF Wrap	.29	3.45	+250	\$
R	1 PCF Wrap	.27	3.70	+250	\$
B	1000 Spinglass	.23	4.35	+850	\$\$
T, S	Cellular Glass	.29	3.45	-450/+900	\$\$\$
T, S	Styrofoam	.20	5.0	-250/+165	\$\$
T, S	2 PCF Polyisocyanurate	.19	5.26	-297/+300	\$\$
T, S	Armaflex	.27	3.7	-70/+220	\$\$
T, S	HT Armaflex	.28	3.57	-40/+300	\$\$\$\$
R	Needled Mat 9#	.26	3.85	1000	\$\$
R	Ceramic mat	.24	4.17	+2300	\$\$\$
T, S	Melamine foam	.26	3.85	-150/+400	\$\$\$\$
T, S	Phenolic foam	.22	4.55	-290/+250	\$\$\$
T, S	Calcium silicate	.38	2.63	1200	\$\$\$
S	Millboard	1.5	.67	1500	\$\$
T, S	Polyethelene	.29	3.45	0/+180	\$