



STRAIGHT LINE
INSULATION I, LP

PROPERTIES OF INSULATION

	Polyiso	Cell Glass	Fiber Glass	Cal Sil	Perlite	Min Wool
MAXIMUM SERVICE TEMP.	300	400	850	1200	1200	1200
LINEAR SHRINKAGE	NO	NO	YES	YES	YES	YES
NOMINAL DENSITY	2 LB	8 LB	4 LB	13 LB	13 LB	8 LB
MOISTURE ABSORPTION	1%	0%	50%	ABOVE 30 %	4%	1%
INSTALLATION COST LABOR	LOW	HIGH	MED	HIGH	HIGH	LOW

MEAN

THERMAL CONDUCTIVITY

TEMPERATURE	Polyiso	Cell Glass	Fiber Glass	Cal Sil	Perlite	Min Wool
100 F	.18	.35	.24	.40	.45	.25
200 F		.42	.29	.42	.48	.30
300 F			.35	.45	.53	.34
400 F			.47	.49	.57	.37
500 F				.54	.63	.43
600 F				.60	.69	.47

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