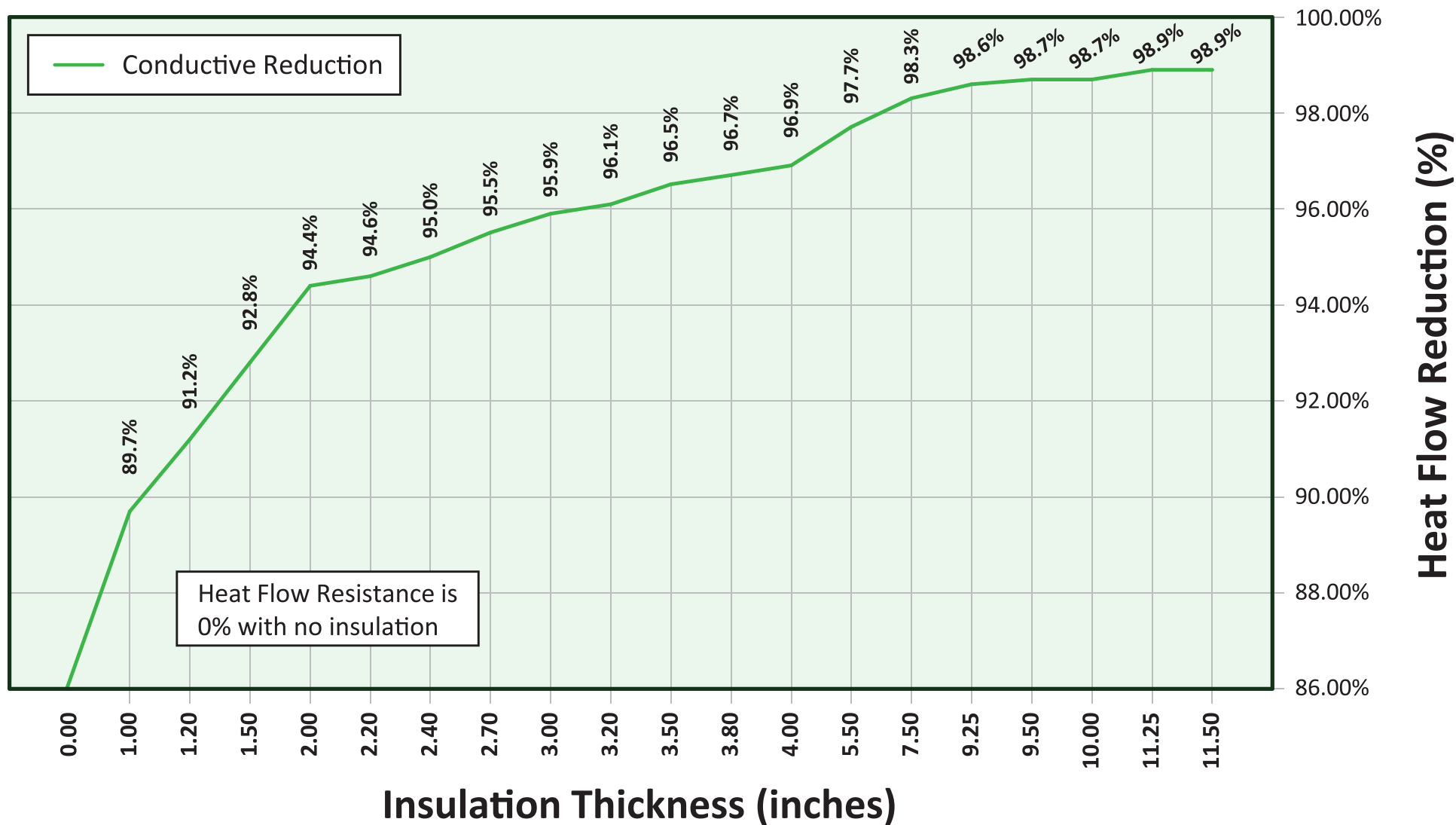


# Conductive Heat Flow Resistance



Note: HEATLOK SOY® 200 is an air-impermeable insulation and an air barrier when tested in accordance with ASTM E283, ASTM E2178 and ASTM E2357. It is a water resistive barrier when tested in accordance with ASTM E331. HEATLOK SOY™ 200 may be installed in attics and crawlspaces without a prescribed ignition barrier in accordance with NFPA 286 and the AC 377 Appendix X. See ICC-ES ESR 3210 for additional qualifications and compliances with the International Building and Residential Codes.



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# Heat Flow Resistance Data



Thickness (inches)	Outside Air Film	Inside Air Film	R-value	Heat Flow (kBtu)	Heat Flow Reduction
0	0.17	0.68	0	47,058.82	0.0%
1	0.17	0.68	7.4	4,848.48	89.7%
1.2	0.17	0.68	8.8	4,145.08	91.2%
1.5	0.17	0.68	10.9	3,404.26	92.8%
2	0.17	0.68	14.3	2,640.26	94.4%
2.2	0.17	0.68	15	2,523.66	94.6%
2.4	0.17	0.68	16	2,373.89	95.0%
2.7	0.17	0.68	18	2,122.02	95.5%
3	0.17	0.68	20	1,918.47	95.9%
3.2	0.17	0.68	21	1,830.66	96.1%
3.5	0.17	0.68	23.6	1,635.99	96.5%
3.8	0.17	0.68	25	1,547.39	96.7%
4	0.17	0.68	26.6	1,457.19	96.9%
5.5	0.17	0.68	36.5	1,070.95	97.7%
7.5	0.17	0.68	49.8	789.73	98.3%
9.25	0.17	0.68	61.5	641.54	98.6%
9.5	0.17	0.68	63	626.47	98.7%
10	0.17	0.68	66.4	594.80	98.7%
11.25	0.17	0.68	74.8	528.75	98.9%
11.5	0.17	0.68	76.4	517.80	98.9%

**Based on a temperature delta of 40°F and an insulated area of 1,000 ft<sup>2</sup>**



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