

**SEAL ECTION 500**

Based on a temperature delta of 40°F and an insulated area of 1,000 ft²

Thickness in inches	Outside air film	Inside air film	R-value	Heat flow (kBtu)	Heat flow reduction (%)
0	0.17	0.68	0	47,058.82	0.00%
1	0.17	0.68	3.81	8,583.69	81.76%
2	0.17	0.68	7.62	4,722.55	89.96%
3	0.17	0.68	11.43	3,257.33	93.08%
3.5	0.17	0.68	13.34	2,818.89	94.01%
4	0.17	0.68	15.24	2,486.02	94.72%
5	0.17	0.68	19.05	2,010.05	95.73%
5.5	0.17	0.68	20.96	1,834.02	96.10%
6	0.17	0.68	22.86	1,687.05	96.42%
7	0.17	0.68	26.67	1,453.49	96.91%
8	0.17	0.68	30.48	1,276.73	97.29%
9	0.17	0.68	34.29	1,138.30	97.58%
10	0.17	0.68	38.1	1,026.96	97.82%

**AGRIBALANCE**

Based on a temperature delta of 40°F and an insulated area of 1,000 ft²

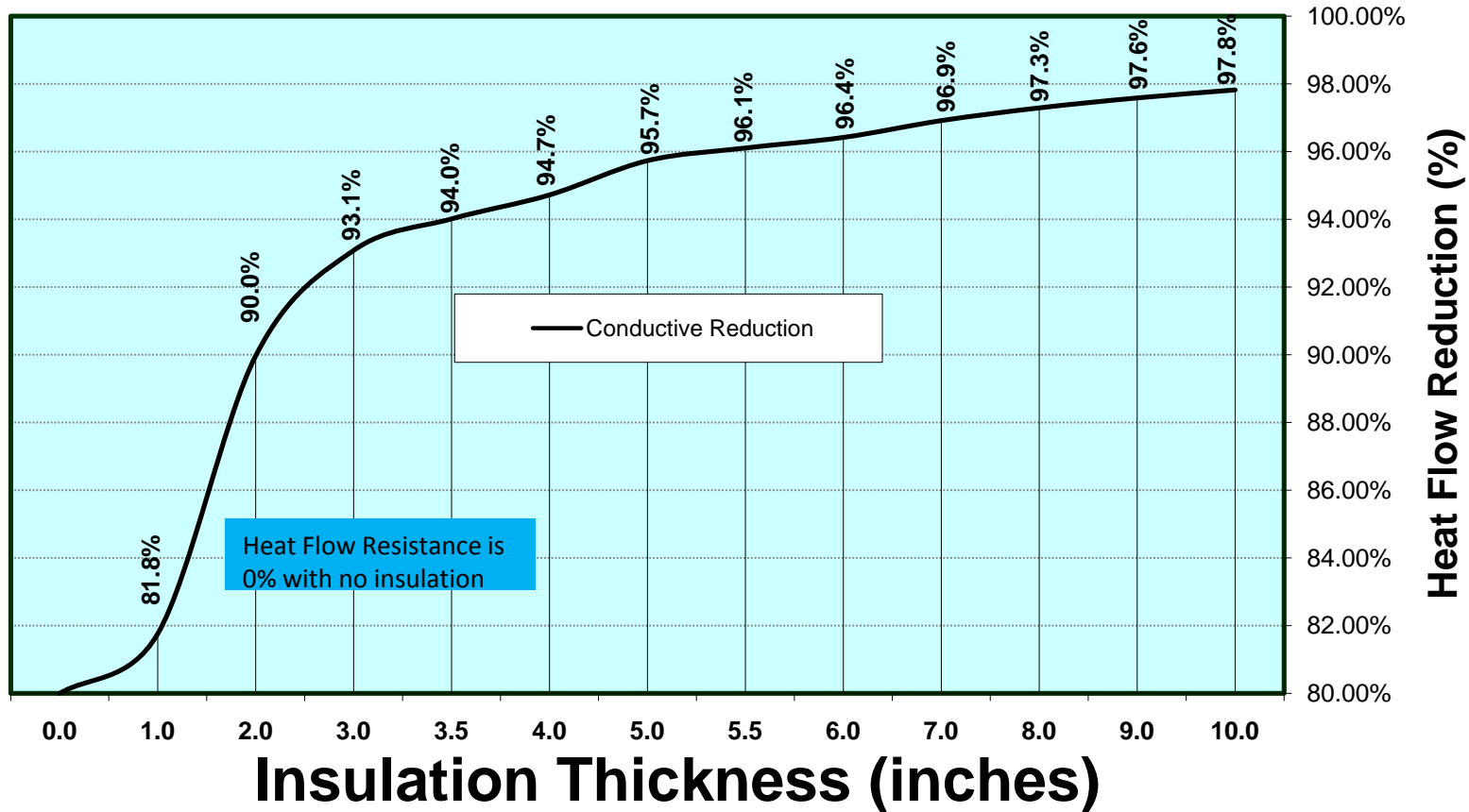
Thickness in inches	Outside air film	Inside air film	R-value	Heat flow (kBtu)	Heat flow reduction (%)
0	0.17	0.68	0	47058.82	0.0%
1	0.17	0.68	4.45	7547.17	84.0%
2	0.17	0.68	8.9	4102.56	91.3%
3	0.17	0.68	13.35	2816.90	94.0%
3.5	0.17	0.68	15.575	2435.31	94.8%
4	0.17	0.68	17.8	2144.77	95.4%
5	0.17	0.68	22.25	1731.60	96.3%
5.5	0.17	0.68	24.475	1579.47	96.6%
6	0.17	0.68	26.7	1451.91	96.9%
7	0.17	0.68	31.15	1250.00	97.3%
8	0.17	0.68	35.6	1097.39	97.7%
9	0.17	0.68	40.05	978.00	97.9%
10	0.17	0.68	44.5	882.03	98.1%

**Heatlok Soy**

Based on a temperature delta of 40°F and an insulated area of 1,000 ft²

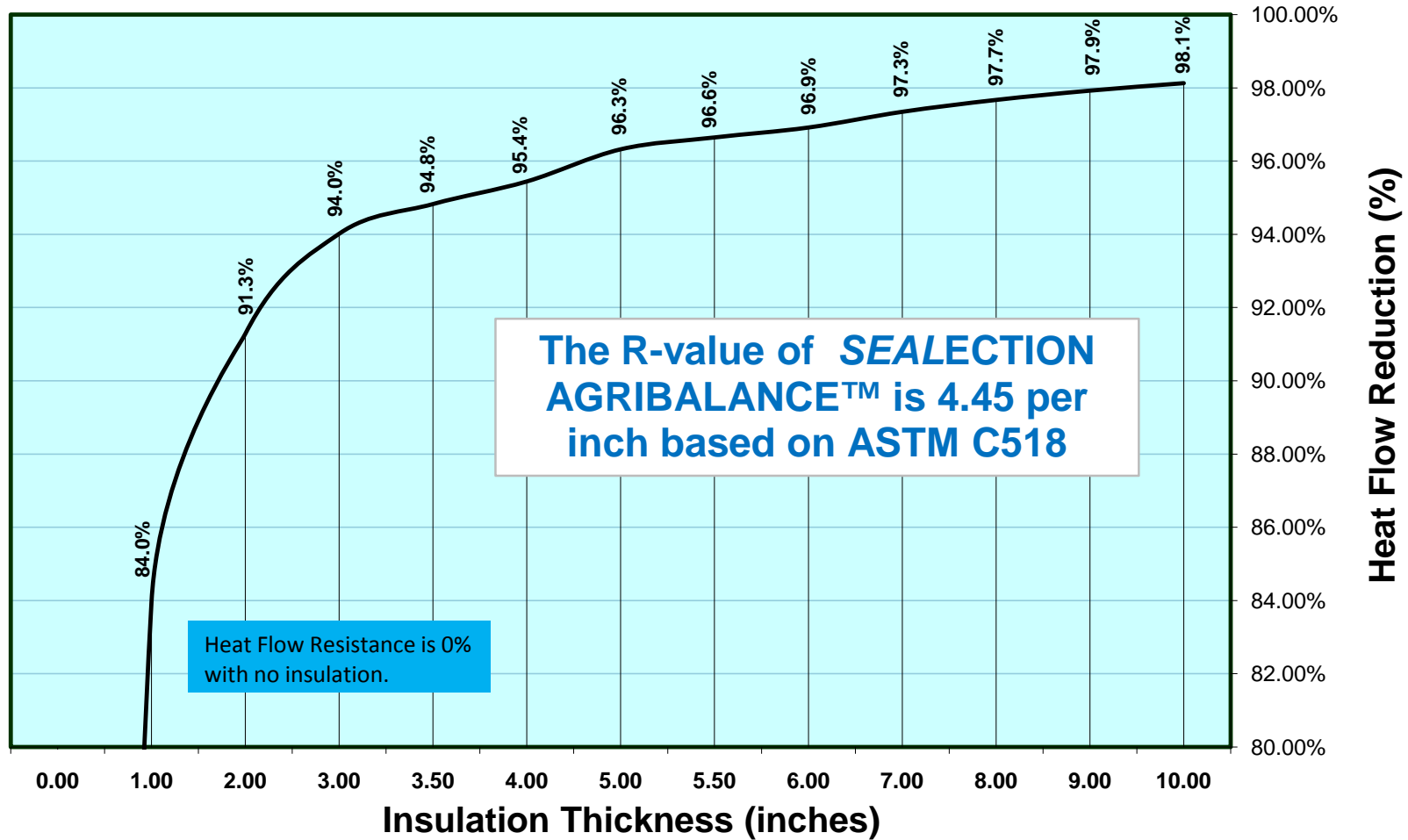
Thickness in inches	Outside air film	Inside air film	R-value	Heat flow (kBtu)	Heat flow reduction (%)
0	0.17	0.68	0	47058.82	0.0%
1	0.17	0.68	6.6	5369.13	88.6%
1.5	0.17	0.68	9.9	3720.93	92.1%
1.75	0.17	0.68	11.55	3225.81	93.1%
2	0.17	0.68	13.2	2846.98	94.0%
2.25	0.17	0.68	14.85	2547.77	94.6%
2.5	0.17	0.68	16.5	2305.48	95.1%
2.75	0.17	0.68	18.15	2105.26	95.5%
3	0.17	0.68	19.8	1937.05	95.9%
3.25	0.17	0.68	21.45	1793.72	96.2%
3.5	0.17	0.68	23.1	1670.15	96.5%
3.75	0.17	0.68	24.75	1562.50	96.7%
4	0.17	0.68	26.4	1467.89	96.9%
4.5	0.17	0.68	29.7	1309.33	97.2%
5	0.17	0.68	33	1181.68	97.5%
5.5	0.17	0.68	36.3	1076.72	97.7%
6	0.17	0.68	39.6	988.88	97.9%

# SEALECTION™ 500 Conductive Heat Flow Resistance



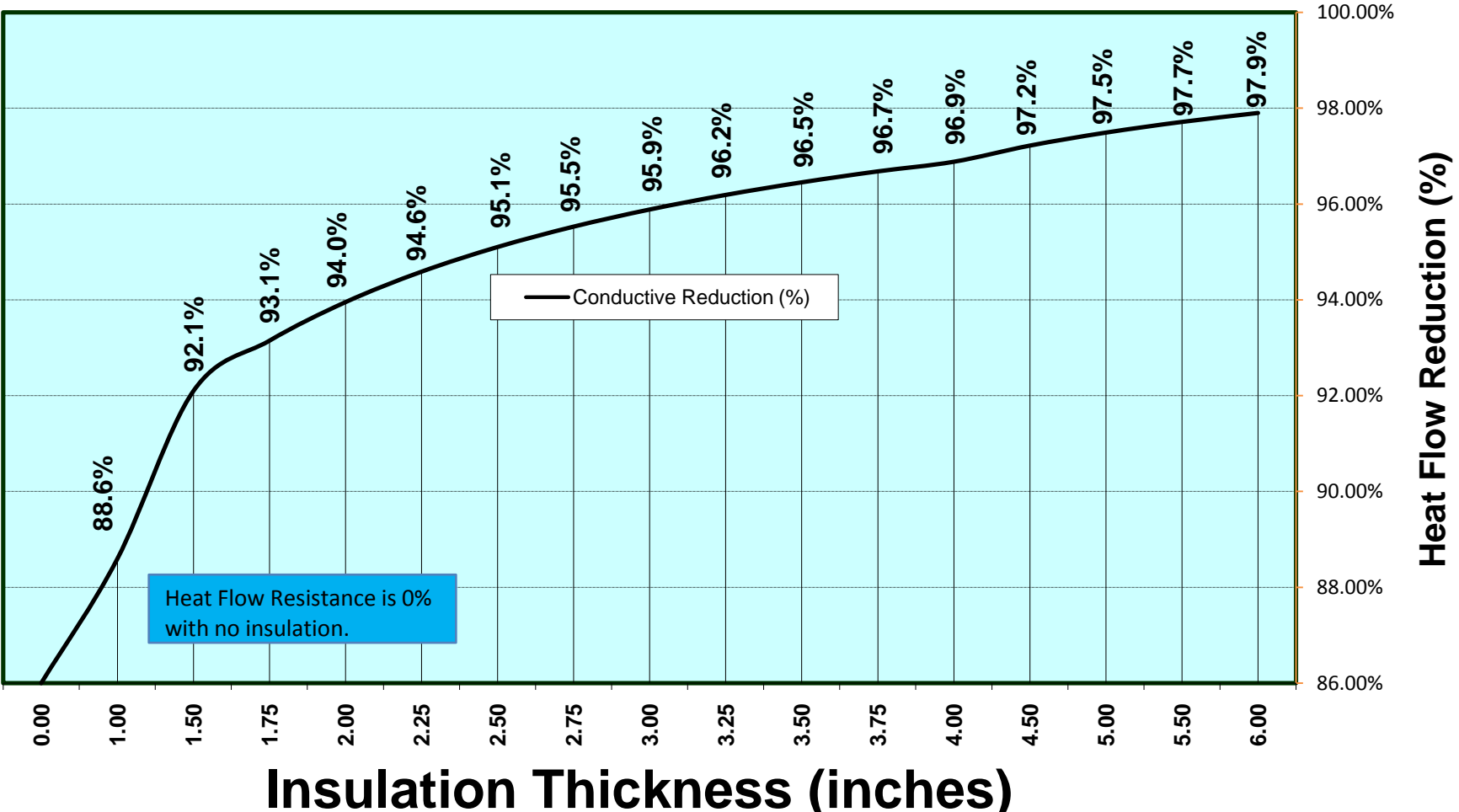
Note: DEMILEC SEALECTION™ 500 is an air-impermeable insulation in accordance with the 2007 Supplement to the 2006 IRC, Chapter 2, Definitions, which defines an air-impermeable insulation as having an air permeance equal to or less than 0.02 L/s-m<sup>2</sup> at 75 PA pressure differential according to ASTM E 283.

# SEALECTION AGRIBALANCE™ Conductive Heat Flow Resistance



Note: DEMILEC SEALECTION AGRIBALANCE™ is an air-impermeable insulation in accordance with the 2007 Supplement to the 2006 IRC, Chapter 2, Definitions, which defines an air-impermeable insulation as having an air permeance equal to or less than 0.02 L/s-m<sup>2</sup> at 75 PA pressure differential according to ASTM E 283. Chart is based on a 40° temperature delta between the interior and exterior temperatures.

# HEATLOK SOY™ Conductive Heat Flow Resistance



Note: DEMILEC HEATLOK SOY™ is an air-impermeable insulation in accordance with the 2007 Supplement to the 2006 IRC, Chapter 2, Definitions, which defines an air-impermeable insulation as having an air permance equal to or less than 0.02 L/s-m<sup>2</sup> at 75 PA pressure differential according to ASTM E 283.