



| Loss or Gain of Heat Energy Through Glazing | Glazing Configuration* | U-Value** Summer | U-Value** Winter |
|---|--|------------------|------------------|
| Monolithic Glass | 1/4" | 1.01 | 1.08 |
| | 1/2" | .97 | 1.03 |
| Laminated Glass | 1/4"-(Lami-0.030"-Lami) | 1.00 | 1.06 |
| | 1/4"-(1/8"-0.030"-1/8") | .99 | 1.05 |
| | 1/4"-(1/8"-0.060"-1/8") | .97 | 1.03 |
| | 1/4"-(1/8"-0.045"-1/8") | .98 | 1.04 |
| | 3/8"-(3/16"-0.030"-3/16") | .97 | 1.03 |
| | 3/8"-(1/4"-0.030"-1/8") | .97 | 1.03 |
| | 3/8"-(1/4"-0.060"-1/8") | .95 | 1.00 |
| | 1/2"-(1/4"-0.030"-1/4") | .95 | 1.01 |
| | 1/2"-(1/4"-0.045"-1/4") | .94 | .99 |
| | 1/2"-(1/4"-0.060"-1/4") | .93 | .98 |
| | 5/8"-(3/8"-0.030"-1/4") | .93 | .99 |
| Insulating Glass | 3/4"-(1/2"-0.060"-1/4") | .90 | .95 |
| | 1/8"-1/4" AS***-1/8"* | .62 | .57 |
| | 1/8"-3/8" AS***-1/8"* | .57 | .52 |
| | 3/16"-1" AS***-3/16" | .54 | .48 |
| | 1/4"-1/2" AS***-1/4" | .54 | .48 |
| | 1/4"-1" AS***-1/4" | .52 | .48 |
| Laminated-Insulating Glass | 3/16"-4" AS***-3/16" | .52 | .48 |
| | 1/8"-0.030"-1/8"-3/8" AS***-3/16" | .55 | .50 |
| | 1/8"-0.030"-1/8"-1/2" AS***-3/16" | .53 | .48 |
| | 1/8"-0.030"-1/8"-1/2" AS***-1/4" | .53 | .48 |
| | 1/8"-0.030"-1/4"-1/2" AS***-1/4" | .53 | .47 |
| | 1/8"-0.030"-1/8"-1" AS***-3/16" | .51 | .48 |
| | 1/8"-0.030"-1/8"-2" AS***-3/16" | .51 | .48 |
| | 1/4"-0.030"-1/4"-2" AS***-3/8" | .49 | .46 |
| | 1/4"-0.030"-1/4"-2" AS***-3/16" | .50 | .47 |
| | 1/4"-0.030"-1/4"-4" AS***-3/16" | .50 | .47 |
| Double Laminated-Insulating Glass | 1/4"-0.030"-1/4"-4" AS***-3/8" | .49 | .46 |
| | 1/2"-0.030"-1/4"-4" AS***-1/8" | .49 | .46 |
| | 1/8"-0.030"-1/8"-1/2" AS***-1/8"-0.030"-1/8" | .52 | .47 |
| | 1/4"-0.030"-1/4"-1" AS***-1/8"-0.060"-1/8" | .49 | .46 |
| | 1/2"-0.060"-1/4"-4" AS***-1/4"-0.030"-1/4" | .47 | .44 |
| 1/4"-0.060"-1/4"-4" AS***-1/4"--0.030"-1/4" | .48 | .45 | |
| 1/4"-0.030"-1/4"-4" AS***-1/8"--0.060"-1/8" | .49 | .46 | |

*The data and information set forth are based on samples tested and are not guaranteed for all samples or applications.

**The overall heat transfer coefficient in Btu/hr.-sq.ft.- °F

***AS= Air Space (0.030", 0.060"= Clear P.V.B. interlayer thicknesses)