

Conductance and Resistance Values for Glass

Material	Description	Conductivity k , Btu/(h) (ft ²) (°F/in.)	Thickness (in.)	Conductance C (U), Btu/ (h) (ft ²) (°F)	Resistance R ($1/U$), $1/[Btu/(h)$ (ft ²) (°F)]
Single-plate				1.13	0.88
Double-plate	Air space, $\frac{3}{16}$ in.			0.69	1.45
Storm windows	Airspace, 1–4 in.			0.56	1.78
Solid-wood door	Actual thickness, $1\frac{1}{2}$ in.			0.49	2.04
Storm door, wood and glass	With wood and glass storm door			0.27	3.70
Storm door, metal and glass	With metal and glass storm door			0.33	3.00

Source: Courtesy of Johns-Mansville, Denver, CO.