Table 20A . . . . Shading Coefficients—Single Glass with Indoor Shading (Also see Table 20B)

Type of Glass	Nominal Thickness[b]	Solar Trans.[b]	Type of Shading[a]: Venetian Blinds, Medium — Glass In Sun	Medium — Glass In Shade	Light — Glass In Sun	Light — Glass In Shade	Roller Shade, Opaque: Dark — Glass In Sun	Dark — Glass In Shade	White — Glass In Sun	White — Glass In Shade
Regular Sheet Regular Plate Regular Pattern Heat-Absorbing Pattern Grey Sheet	1/32 to 1/4 1/4 to 3/8 1/8 to 1/32 1/4 1/16, 1/32	0.87–0.80 0.80–0.71 0.87–0.79 — 0.74, 0.71	0.64	0.66	0.55	0.60	0.59	0.61	0.25	0.22
Heat-Absorbing[c] Sheet Heat-Absorbing[c] Plate Heat-Absorbing Pattern Grey[d] Sheet Grey[d] Plate	1/32 1/4 1/8, 1/4 1/8, 1/32 1/4, 1/4	0.51 0.46 — 0.59, 0.45 0.52, 0.45	0.57	0.58	0.53	0.52	0.45	0.42	0.30	0.30
Heat-Absorbing[c] Sheet, Plate or Pattern Heat-Absorbing[c] Plate Grey[d] Plate	— 1/4 1/4	0.44–0.30 0.34 0.33	0.54	0.53	0.52	0.52	0.40	0.36	0.28	0.26
Heat-Absorbing[c] Sheet, Plate or Pattern Grey[d] Plate	— 1/4	0.29–0.15 0.24	0.51	0.51	0.50	0.50	0.36	0.32	0.28	0.25

[a] See Table 22 for properties of types of shading.
[b] Refer to manufacturer's literature for values.
[c] See footnote d, Table 19.
[d] See footnote e, Table 19.

Table 20B . . . . Shading Coefficients—Single Glass with Indoor Shading (Also see Table 20A)

Type of Glass (For Nominal Thickness[b] and Solar Trans.[b] See Table 20A)	Type of Shading[a]—Draperies (Designations indicate class: L = Open Weave, Light Colored)															
	D = Dark Colored Yarn						M = Medium Colored Yarn						L = Light Colored Yarn			
	Open Weave		Semi-Open		Closed Weave		Open Weave		Semi-Open		Closed Weave		Open Weave		Semi-Open		Closed Weave	
	I_D		II_D		III_D		I_M		II_M		III_M		I_L		II_L		III_L	
	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade
Regular Sheet Regular Plate Regular Pattern Heat-Abs Pattern Grey Sheet	0.76	0.69	0.69	0.62	0.66	0.60	0.69	0.62	0.63	0.58	0.57	0.51	0.67	0.60	0.55	0.49	0.47	0.42
Heat-Abs[c] Sheet Heat-Abs[c] Plate Heat-Abs Pattern Grey[d] Sheet Grey[d] Plate	0.58	0.52	0.54	0.49	0.52	0.47	0.54	0.49	0.50	0.45	0.47	0.42	0.53	0.48	0.45	0.40	0.41	0.36
Heat-Abs[c] Sheet, Plate or Pattern Heat-Abs[c] Plate Grey[d] Plate	0.49	0.44	0.45	0.41	0.44	0.40	0.46	0.41	0.43	0.39	0.40	0.36	0.45	0.40	0.39	0.36	0.36	0.32
Heat-Abs[c] Sheet, Plate or Pattern Grey[d] Plate	0.37	0.33	0.36	0.33	0.35	0.32	0.35	0.32	0.34	0.31	0.33	0.30	0.35	0.31	0.33	0.30	0.31	0.28

[a] See Table 22 for properties of types of shading.
[b] Refer to manufacturer's literature for values.
[c] See footnote d, Table 19.
[d] See footnote e, Table 19.

Table 21A . . . . Shading Coefficients—Insulating Glass[a] with Indoor Shading (Also see Table 21B)

Type of Glass	Nominal Thickness[a,d]	Solar Trans.[b]: Outer Pane	Inner Pane	Type of Shading[b]: Venetian Blinds, Medium — Glass In Sun	Medium — Glass In Shade	Light — Glass In Sun	Light — Glass In Shade	Roller Shade, Opaque: Dark — Glass In Sun	Dark — Glass In Shade	Light — Glass In Sun	Light — Glass In Shade
Regular Sheet Out Regular Sheet In Regular Plate Out Regular Plate In	1/32, 1/8 1/4	0.86 0.80	0.86 0.80	0.57	0.55	0.51	0.51	0.60	0.56	0.25	0.22
Heat-Absorbing[c] Plate Out Regular Plate In Grey[e] Plate Out Regular Plate In	1/4 1/4	0.46 0.46	0.80 0.80	0.39	0.38	0.36	0.36	0.40	0.37	0.22	0.20

[a] Refers to factory-fabricated units with 1/4, 1/2, or 3/4 in. air space, or to prime windows plus storm windows.
[b] See Table 22 for properties of types of shading. [c] Refer to manufacturer's literature for values.
[d] Thickness of each pane of glass, not thickness of assembled unit. [e] See footnote d, Table 19. [f] See footnote e, Table 19.

Table 21B . . . . Shading Coefficients—Insulating Glass[a] with Indoor Shading (Also see Table 21A)

Type of Glass (For Nominal Thickness[a,d] and Solar Trans.[b,d] see Table 21A)	Type of Shading[b]—Draperies (Designations indicate class: L = Open Weave, Light Colored)															
	D = Dark Colored Yarn						M = Medium Colored Yarn						L = Light Colored Yarn			
	Open Weave		Semi-Open		Closed Weave		Open Weave		Semi-Open		Closed Weave		Open Weave		Semi-Open		Closed Weave	
	I_D		II_D		III_D		I_M		II_M		III_M		I_L		II_L		III_L	
	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade	Glass In Sun	Glass In Shade
Regular Sheet Out Regular Sheet In Regular Plate Out Regular Plate In	0.69	0.62	0.64	0.58	0.62	0.56	0.63	0.58	0.58	0.52	0.53	0.48	0.60	0.54	0.50	0.45	0.44	0.40
Heat-Abs.[c] Plate Out Regular Plate In Grey[e] Plate Out Regular Plate In	0.45	0.40	0.43	0.39	0.41	0.37	0.43	0.39	0.40	0.36	0.38	0.34	0.42	0.38	0.38	0.34	0.34	0.31

[a] Refers to factory-fabricated units with 1/4, 1/2, or 3/4 in. air space, or to prime windows plus storm windows.
[b] See Table 22 for properties of types of shading. [c] Refer to manufacturer's literature for values.
[d] Thickness of each pane of glass, not thickness of assembled unit. [e] See footnote d, Table 19. [f] See footnote e, Table 19.

Table 22 . . . . Shading Coefficients—Double Glazing with Between-Glass Shading

Type of Glass	Nominal Thickness[b,a]	Solar Trans.[b]: Outer Pane	Inner Pane	Description of Air Space	Type of Shading[c]: Venetian Blinds, Light — Glass In Sun	Light — Glass In Shade	Medium — Glass In Sun	Medium — Glass In Shade	Louvered Sun Screen — Glass In Sun	Louvered Sun Screen — Glass In Shade
Regular Sheet Out Regular Sheet In Regular Plate Out Regular Plate In	1/32, 1/8 1/4	0.86 0.80	0.86 0.80	Shade in contact with glass or shade separated from glass by air space. Shade in contact with glass-voids filled with plastic.	0.33	0.37	0.36	0.40	0.43[d] 0.49[d]	0.43 0.48
Heat-Abs.[c] Plate Out Regular Plate In Grey[e] Plate Out Regular Plate In	1/4 1/4	0.46 0.46	0.80 0.80	Shade in contact with glass or shade separated from glass by air space. Shade in contact with glass-voids filled with plastic.	0.28	0.30	0.30	0.31	0.37[d] 0.41[d]	0.40 0.42

[a] See Table 22 for properties of types of shading. [b] Refer to manufacturer's literature for values.
[c] Thickness of each pane of glass, not thickness of assembled unit. [d] See text section Basic Data for limitations of values.
[e] See footnote d, Table 19. [f] See footnote e, Table 19.