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PRODUCT	GLAZING	No Grid				Qualifies for Energy Star				Flat or Contour Grids			Qualifies for Energy Star			
		U-Factor	SHGC	VT	CR	N	NC	SC	S	U-Factor	SHGC	VT	N	NC	SC	S
Double Hung PG 20	Clear	0.48	0.59	0.62	42					0.48	0.53	0.55				
	SunStable™	0.34	0.32	0.54	51					0.34	0.29	0.48				
	SunStable™ Argon	0.31	0.32	0.54	54					0.31	0.29	0.48				
	SunStable™ with HeatSave™	0.29	0.28	0.52	35	X	X			0.29	0.25	0.46	X	X		
	SunStable™ with HeatSave™ Argon	0.26	0.31	0.54	45	X	X			0.26	0.28	0.48	X	X		
	SunResist™	0.34	0.21	0.49	52				X	0.34	0.19	0.43				X
	SunResist™ Argon	0.30	0.21	0.49	55		X	X	X	0.30	0.19	0.43		X	X	X
	SunResist™ with HeatSave™	0.29	0.21	0.48	41		X	X	X	0.29	0.19	0.42		X	X	X
	SunResist™ with HeatSave™ Argon	0.26	0.21	0.48	45	X	X	X	X	0.26	0.19	0.43	X	X	X	X
	SunFlow™	0.35	0.50	0.60	53					0.35	0.45	0.54				
	SunFlow™ Argon	0.31	0.50	0.60	56					0.31	0.45	0.54				
	SunFlow™ with HeatSave™	0.29	0.47	0.58	40	X				0.29	0.42	0.52	X			
	SunFlow™ with HeatSave™ Argon	0.27	0.48	0.59	44	X				0.27	0.43	0.44	X			
	Energy Saver	0.31	0.32	0.54	54					0.31	0.29	0.48				
	Energy Saver Plus	0.30	0.21	0.49	55		X	X	X	0.30	0.19	0.43		X	X	X
	ENERGY STAR® Northern	0.30	0.50	0.60	44	X				0.27	0.43	0.52	X			
	ENERGY STAR® North Central	0.30	0.32	0.55	59		X			0.30	0.29	0.49		X		
	ENERGY STAR® South Central	0.30	0.21	0.49	55		X	X	X	0.30	0.19	0.43		X	X	X
	ENERGY STAR® Southern	0.34	0.21	0.49	52				X	0.34	0.19	0.43				X
	Double Hung PG 35/50	Clear	0.48	0.60	0.63	43					0.48	0.54	0.56			
SunStable™		0.34	0.32	0.54	51					0.34	0.29	0.48				
SunStable™ Argon		0.31	0.32	0.54	54					0.31	0.29	0.48				
SunStable™ with HeatSave™		0.29	0.28	0.52	35		X			0.29	0.25	0.46		X		
SunStable™ with HeatSave™ Argon		0.27	0.31	0.54	44	X	X			0.27	0.28	0.48	X	X		
SunResist™		0.34	0.21	0.49	52				X	0.34	0.19	0.43				X
SunResist™ Argon		0.31	0.21	0.49	54				X	0.31	0.19	0.43				X
SunResist™ with HeatSave™		0.29	0.21	0.48	41		X	X	X	0.29	0.19	0.42		X	X	X
SunResist™ with HeatSave™ Argon		0.26	0.21	0.48	45	X	X	X	X	0.26	0.19	0.43	X	X	X	X
SunFlow™		0.35	0.50	0.60	53					0.35	0.45	0.54				
SunFlow™ Argon		0.32	0.50	0.60	56					0.32	0.45	0.54				
SunFlow™ with HeatSave™		0.30	0.47	0.58	40	X				0.30	0.42	0.52	X			
SunFlow™ with HeatSave™ Argon		0.27	0.48	0.59	44	X				0.27	0.43	0.52	X			
Energy Saver		0.31	0.32	0.54	54					0.31	0.29	0.48				
Energy Saver Plus		0.30	0.21	0.49	58		X	X	X	0.30	0.19	0.44		X	X	X
ENERGY STAR® Northern		0.27	0.48	0.59	44	X				0.27	0.43	0.52	X			
ENERGY STAR® North Central		0.30	0.32	0.55	58		X			0.30	0.29	0.49		X		
ENERGY STAR® South Central		0.30	0.21	0.49	58		X	X	X	0.30	0.19	0.44		X	X	X
ENERGY STAR® Southern		0.34	0.21	0.49	52				X	0.34	0.19	0.43				X
Double Hung Fixed		Clear	0.47	0.67	0.71	42					0.47	0.61	0.64			
	SunStable™	0.31	0.36	0.62	52					0.31	0.33	0.56				
	SunStable™ Argon	0.27	0.36	0.62	54	X				0.27	0.33	0.56	X			
	SunStable™ with HeatSave™	0.25	0.32	0.59	35	X	X	X	X	0.25	0.29	0.53	X	X	X	X
	SunStable™ with HeatSave™ Argon	0.23	0.36	0.62	45	X	X			0.23	0.32	0.55	X	X		
	SunResist™	0.31	0.24	0.56	52				X	0.31	0.22	0.50				X
	SunResist™ Argon	0.27	0.24	0.56	54	X	X	X	X	0.27	0.22	0.50	X	X	X	X
	SunResist™ with HeatSave™	0.25	0.24	0.55	42	X	X	X	X	0.25	0.24	0.55	X	X	X	X
	SunResist™ with HeatSave™ Argon	0.22	0.23	0.55	45	X	X	X	X	0.22	0.21	0.50	X	X	X	X
	SunFlow™	0.32	0.57	0.69	53					0.32	0.52	0.62				
	SunFlow™ Argon	0.28	0.57	0.69	57	X				0.28	0.52	0.62	X			
	SunFlow™ with HeatSave™	0.26	0.54	0.67	41	X				0.26	0.49	0.60	X			
	SunFlow™ with HeatSave™ Argon	0.23	0.55	0.68	44	X				0.23	0.50	0.61	X			
	Energy Saver	0.27	0.36	0.62	54	X	X			0.27	0.33	0.56	X	X		
	Energy Saver Plus	0.27	0.24	0.56	54	X	X	X	X	0.27	0.22	0.50	X	X	X	X
	ENERGY STAR® Northern	0.28	0.57	0.69	57	X				0.28	0.52	0.62	X			
	ENERGY STAR® North Central	0.27	0.36	0.62	54	X	X			0.27	0.33	0.56	X	X		
	ENERGY STAR® South Central	0.27	0.24	0.56	54	X	X	X	X	0.27	0.22	0.50	X	X	X	X
	ENERGY STAR® Southern	0.31	0.24	0.56	52				X	0.31	0.22	0.50				X



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		U-Factor	SHGC	VT	CR	N	NC	SC	S	U-Factor	SHGC	VT	N	NC	SC	S		
Fixed	Clear	0.47	0.69	0.72	43					0.47	0.62	0.65						
	SunStable™	0.31	0.37	0.63	54					0.31	0.33	0.57						
	SunStable™ Argon	0.28	0.36	0.63	58	X	X			0.28	0.33	0.57	X	X				
	SunStable™ with HeatSave™	0.25	0.32	0.59	36					0.25	0.29	0.53	X	X				
	SunStable™ with HeatSave™ Argon	0.23	0.36	0.62	41	X	X			0.23	0.32	0.55	X	X				
	SunResist™	0.31	0.24	0.57	55				X	0.31	0.22	0.51					X	
	SunResist™ Argon	0.27	0.24	0.57	58	X	X	X	X	0.27	0.22	0.51	X	X	X	X	X	
	SunResist™ with HeatSave™	0.25	0.24	0.55	42					0.25	0.24	0.55	X	X	X	X	X	
	SunResist™ with HeatSave™ Argon	0.22	0.23	0.55	45	X	X	X	X	0.22	0.21	0.50	X	X	X	X	X	
	SunFlow™	0.32	0.57	0.69	51					0.32	0.52	0.62						
	SunFlow™ Argon	0.28	0.57	0.69	57	X				0.28	0.52	0.62	X					
	SunFlow™ with HeatSave™	0.26	0.54	0.67	41					0.26	0.49	0.60	X					
	SunFlow™ with HeatSave™ Argon	0.23	0.55	0.68	44	X				0.23	0.50	0.61	X					
	Energy Saver	0.28	0.36	0.63	58	X	X			0.28	0.33	0.57	X	X				
	Energy Saver Plus	0.27	0.24	0.57	58	X	X	X	X	0.27	0.22	0.51	X	X	X	X	X	
	ENERGY STAR® Northern	0.28	0.57	0.69	57	X				0.28	0.52	0.62	X					
	ENERGY STAR® North Central	0.28	0.36	0.63	58	X	X			0.28	0.33	0.57	X	X				
	ENERGY STAR® South Central	0.27	0.24	0.57	58	X	X	X	X	0.27	0.22	0.51	X	X	X	X	X	
	ENERGY STAR® Southern	0.33	0.24	0.57	55				X	0.33	0.22	0.51					X	
	Horizontal Slider	Clear	0.48	0.66	0.69	44					0.48	0.60	0.62					
SunStable™		0.33	0.35	0.60	52					0.33	0.32	0.54						
SunStable™ Argon		0.30	0.35	0.60	55			X		0.30	0.32	0.54			X			
SunStable™ with HeatSave™		0.28	0.30	0.57	35	X	X			0.28	0.28	0.51	X	X	X			
SunStable™ with HeatSave™ Argon		0.25	0.34	0.59	40	X	X			0.25	0.31	0.53	X	X				
SunResist™		0.33	0.23	0.54	52				X	0.33	0.22	0.49					X	
SunResist™ Argon		0.29	0.23	0.54	55			X	X	0.29	0.21	0.49			X	X	X	
SunResist™ with HeatSave™		0.27	0.23	0.53	41	X	X	X	X	0.27	0.21	0.47	X	X	X	X	X	
SunResist™ with HeatSave™ Argon		0.25	0.23	0.53	44	X	X	X	X	0.25	0.21	0.48	X	X	X	X	X	
SunFlow™		0.34	0.55	0.67	49					0.34	0.49	0.60						
SunFlow™ Argon		0.31	0.55	0.67	54					0.31	0.49	0.60						
SunFlow™ with HeatSave™		0.28	0.52	0.64	40	X				0.28	0.47	0.58	X					
SunFlow™ with HeatSave™ Argon		0.26	0.53	0.65	43	X				0.26	0.48	0.58	X					
Energy Saver		0.30	0.35	0.60	55			X		0.30	0.32	0.54			X			
Energy Saver Plus		0.30	0.23	0.54	52			X	X	0.30	0.21	0.49			X	X	X	
ENERGY STAR® Northern		0.30	0.55	0.67	54	X				0.30	0.49	0.60	X					
ENERGY STAR® North Central		0.30	0.35	0.60	52			X		0.30	0.32	0.54			X			
ENERGY STAR® South Central		0.30	0.23	0.54	52			X	X	0.30	0.21	0.49			X	X	X	
ENERGY STAR® Southern		0.33	0.24	0.54	50				X	0.33	0.22	0.49					X	
Side Load Single Hung		Clear	0.48	0.66	0.69	43					0.48	0.60	0.62					
	SunStable™	0.33	0.35	0.61	51					0.33	0.32	0.54						
	SunStable™ Argon	0.30	0.35	0.61	54			X		0.30	0.32	0.54			X			
	SunStable™ with HeatSave™	0.28	0.30	0.57	40			X		0.28	0.28	0.51	X		X			
	SunStable™ with HeatSave™ Argon	0.25	0.34	0.59	39	X	X			0.25	0.31	0.53	X	X				
	SunResist™	0.33	0.23	0.54	52				X	0.33	0.21	0.49					X	
	SunResist™ Argon	0.29	0.23	0.54	55			X	X	0.29	0.21	0.49			X	X	X	
	SunResist™ with HeatSave™	0.27	0.23	0.53	40	X	X	X	X	0.27	0.21	0.47	X	X	X	X	X	
	SunResist™ with HeatSave™ Argon	0.25	0.23	0.53	44	X	X	X	X	0.25	0.21	0.48	X	X	X	X	X	
	SunFlow™	0.34	0.55	0.67	47					0.34	0.50	0.60						
	SunFlow™ Argon	0.30	0.55	0.67	54	X				0.30	0.49	0.60	X					
	SunFlow™ with HeatSave™	0.28	0.52	0.64	39	X				0.28	0.47	0.57	X					
	SunFlow™ with HeatSave™ Argon	0.26	0.53	0.65	43	X				0.26	0.48	0.58	X					
	Energy Saver	0.30	0.35	0.61	54			X		0.30	0.32	0.54			X			
	Energy Saver Plus	0.29	0.23	0.54	55			X	X	0.29	0.21	0.49			X	X	X	
	ENERGY STAR® Northern	0.30	0.55	0.67	54	X				0.30	0.49	0.60	X					
	ENERGY STAR® North Central	0.30	0.35	0.61	54			X		0.30	0.32	0.54			X			
	ENERGY STAR® South Central	0.29	0.23	0.54	55			X	X	0.29	0.21	0.49			X	X	X	
	ENERGY STAR® Southern	0.33	0.23	0.54	52				X	0.33	0.21	0.49					X	
	Sidelite or Transom	Clear	0.46	0.61	0.63	43					0.46	0.54	0.56					
SunStable™		0.33	0.32	0.55	55					0.33	0.29	0.49						
SunStable™ Argon		0.30	0.32	0.55	58	X	X			0.30	0.29	0.49	X	X				
SunStable™ with HeatSave™ Argon		0.23	0.34	0.59	45	X	X			0.23	0.31	0.52	X	X				
SunResist™		0.27	0.23	0.54	57	X	X	X	X	0.27	0.21	0.48	X	X	X	X	X	
SunResist™ Argon		0.29	0.21	0.50	59	X	X	X	X	0.29	0.19	0.44	X	X	X	X	X	
SunResist™ with HeatSave™ Argon		0.23	0.22	0.53	45	X	X	X	X	0.23	0.20	0.47	X	X	X	X	X	
SunFlow™ with HeatSave™ Argon		0.24	0.53	0.65	44					0.24	0.47	0.58						
Energy Saver		0.30	0.32	0.55	58	X	X			0.30	0.29	0.49	X	X				
Energy Saver Plus		0.29	0.21	0.50	59	X	X	X	X	0.29	0.19	0.44	X	X	X	X	X	
ENERGY STAR® Northern		0.30	0.32	0.55	58	X	X			0.30	0.29	0.49	X	X				
ENERGY STAR® North Central		0.30	0.32	0.55	58	X	X			0.30	0.29	0.49	X	X				
ENERGY STAR® South Central		0.29	0.21	0.50	59			X	X	0.29	0.19	0.44			X	X	X	
ENERGY STAR® Southern		0.29	0.21	0.50	59			X	X	0.29	0.19	0.44			X	X	X	
Sliding Patio Door		Clear	0.47	0.65	0.68	42					0.47	0.57	0.60					
		SunStable™	0.32	0.35	0.60	52					0.32	0.31	0.52					
		SunStable™ Argon	0.29	0.35	0.60	55	X	X			0.29	0.31	0.52	X	X			
		SunStable™ with HeatSave™	0.26	0.30	0.57	36	X	X			0.26	0.27	0.50	X	X			
		SunStable™ with HeatSave™ Argon	0.24	0.34	0.58	43	X	X			0.24	0.30	0.51	X	X			
		SunResist™	0.32	0.23	0.54	52					0.32	0.21	0.47					
	SunResist™ Argon	0.28	0.23	0.54	55	X	X	X	X	0.28	0.20	0.47	X	X	X	X	X	
	SunStable™, Internal Blinds	0.35	0.31	0.58	46					-	-	-						
	SunResist™ with HeatSave™	0.26	0.23	0.53	41	X	X	X	X	0.26	0.20	0.46	X	X	X	X	X	
	SunResist™ with HeatSave™ Argon	0.24	0.22	0.52	44	X	X	X	X	0.24	0.20	0.46	X	X	X	X	X	
	SunFlow™ with HeatSave™ Argon	0.25	0.52	0.64	43	X				0.25	0.46	0.56	X					
	SunFlow™ with HeatSave™	0.27	0.52	0.64	43	X				0.27	0.46	0.56	X					
	Energy Saver	0.29	0.35	0.60	55	X	X			0.29	0.31	0.52	X	X				
	Energy Saver Plus	0.28	0.23	0.54	55	X	X	X	X	0.28	0.20	0.47	X	X	X	X	X	
	ENERGY STAR® Northern	0.29	0.35	0.60	55	X	X			0.29	0.31	0.52	X	X				
	ENERGY STAR® North Central	0.29	0.35	0.60	55	X	X			0.29	0.31	0.52	X	X				
	ENERGY STAR® South Central	0.28	0.23	0.54	55			X	X									



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		U-Factor	SHGC	VT	CR	N	NC	SC	S	U-Factor	SHGC	VT	N	NC	SC	S
Tilt Single Hung PG 20	Clear	0.48	0.66	0.69	42					0.48	0.59	0.62				
	SunStable™	0.34	0.35	0.60	51					0.34	0.32	0.54				
	SunStable™ Argon	0.30	0.35	0.60	54		X			0.30	0.32	0.54		X		
	SunStable™ with HeatSave™	0.28	0.30	0.57	34		X			0.28	0.27	0.51		X		
	SunStable™ with HeatSave™ Argon	0.25	0.34	0.59	45	X	X			0.25	0.31	0.53	X	X		
	SunResist™	0.33	0.23	0.54	52				X	0.33	0.21	0.49				X
	SunResist™ Argon	0.29	0.23	0.54	55		X	X	X	0.29	0.21	0.49		X	X	X
	SunResist™ with HeatSave™	0.27	0.23	0.52	42	X	X	X	X	0.27	0.21	0.47	X	X	X	X
	SunResist™ with HeatSave™ Argon	0.25	0.23	0.53	45	X	X	X	X	0.25	0.21	0.47	X	X	X	X
	SunFlow™	0.34	0.55	0.66	52					0.34	0.49	0.59				
	SunFlow™ Argon	0.31	0.55	0.66	55					0.31	0.49	0.59				
	SunFlow™ with HeatSave™	0.28	0.52	0.64	41	X				0.28	0.47	0.57	X			
	SunFlow™ with HeatSave™ Argon	0.26	0.53	0.65	44	X				0.26	0.48	0.58	X			
	Energy Saver	0.30	0.35	0.60	54		X			0.30	0.32	0.54		X		
	Energy Saver Plus	0.29	0.23	0.54	55		X	X	X	0.29	0.21	0.49		X	X	X
	ENERGY STAR® Northern	0.30	0.55	0.66	57	X				0.30	0.48	0.59	X			
	ENERGY STAR® North Central	0.30	0.35	0.60	54		X			0.30	0.32	0.54		X		
	ENERGY STAR® South Central	0.29	0.23	0.54	55		X	X	X	0.29	0.21	0.49		X	X	X
	ENERGY STAR® Southern	0.33	0.23	0.54	52				X	0.33	0.21	0.49				X
	Tilt Single Hung PG 35/50	Clear	0.49	0.66	0.69	42					0.49	0.59	0.62			
SunStable™		0.34	0.35	0.60	51					0.34	0.32	0.54				
SunStable™ Argon		0.30	0.35	0.60	54		X			0.30	0.32	0.54		X		
SunStable™ with HeatSave™		0.28	0.30	0.57	34	X	X			0.28	0.27	0.51	X	X		
SunStable™ with HeatSave™ Argon		0.26	0.34	0.59	44	X	X			0.26	0.31	0.53	X	X		
SunResist™		0.34	0.23	0.54	52				X	0.34	0.21	0.49				X
SunResist™ Argon		0.30	0.23	0.54	56		X	X	X	0.30	0.21	0.49		X	X	X
SunResist™ with HeatSave™		0.28	0.23	0.52	42	X	X	X	X	0.28	0.21	0.47	X	X	X	X
SunResist™ with HeatSave™ Argon		0.26	0.23	0.53	45	X	X	X	X	0.26	0.21	0.47	X	X	X	X
SunFlow™		0.35	0.55	0.66	52					0.35	0.49	0.59				
SunFlow™ Argon		0.31	0.55	0.66	55					0.31	0.49	0.59				
SunFlow™ with HeatSave™		0.29	0.52	0.64	41	X				0.29	0.47	0.57	X			
SunFlow™ with HeatSave™ Argon		0.27	0.53	0.65	44	X				0.27	0.48	0.58	X			
Energy Saver		0.30	0.35	0.60	54		X			0.30	0.32	0.54		X		
Energy Saver Plus		0.30	0.23	0.54	55		X	X	X	0.30	0.21	0.49		X	X	X
ENERGY STAR® Northern		0.30	0.55	0.66	57	X				0.30	0.48	0.59	X			
ENERGY STAR® North Central		0.30	0.35	0.60	54		X			0.30	0.32	0.54		X		
ENERGY STAR® South Central		0.30	0.23	0.54	55		X	X	X	0.30	0.21	0.49		X	X	X
ENERGY STAR® Southern		0.34	0.23	0.54	52				X	0.34	0.21	0.49				X

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