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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	
Awning (Non-Impact)	Clear	0.43	0.57	0.59	43					0.43	0.52	0.54					
	Low-E 240	0.32	0.19	0.29	51				X	0.32	0.18	0.26				X	
	Low-E 240 Argon	0.29	0.19	0.29	54		X	X	X	0.29	0.17	0.26		X	X	X	
	Low-E	0.32	0.27	0.50	51					0.32	0.25	0.46				X	
	Low-E Argon	0.29	0.27	0.50	54		X			0.29	0.25	0.46		X	X	X	
	Low-E 340	0.32	0.13	0.26	51				X	0.32	0.12	0.23				X	
	Low-E 340 Argon	0.29	0.12	0.26	54		X	X	X	0.29	0.12	0.23		X	X	X	
	Low-E 366	0.31	0.21	0.46	51				X	0.31	0.19	0.42				X	
	Low-E 366 Argon	0.28	0.20	0.46	54		X	X	X	0.28	0.19	0.42		X	X	X	
	Energy Saver Plus	0.28	0.20	0.46	54		X	X	X	0.28	0.19	0.42		X	X	X	
	Energy Star North-Central	0.29	0.27	0.50	54		X			0.29	0.25	0.46		X	X	X	
	Energy Star South-Central	0.28	0.20	0.46	54		X	X	X	0.28	0.19	0.42		X	X	X	
Energy Star Southern	0.31	0.21	0.46	51				X	0.31	0.19	0.42				X		
Awning (Impact)	Clear, 5/16" in - 1/8" out	0.42	0.53	0.56	43					0.42	0.49	0.51					
	Low-E 240, 5/16" in - 1/8" out	0.31	0.19	0.27	52				X	0.32	0.18	0.25				X	
	Low-E 240 Argon, 5/16" in - 1/8" out	0.28	0.19	0.27	55		X	X	X	0.28	0.17	0.25		X	X	X	
	Low-E, 5/16" in - 1/8" out	0.31	0.27	0.48	52					0.31	0.25	0.43				X	
	Low-E Argon, 5/16" in - 1/8" out	0.28	0.27	0.48	56		X			0.28	0.25	0.43		X	X	X	
	Low-E 366, 5/16" in - 1/8" out	0.31	0.21	0.44	53				X	0.31	0.19	0.40				X	
	Low-E 340 5/16" in - 1/8" out	0.31	0.13	0.25	52				X	0.32	0.12	0.22				X	
	Low-E 340 Argon 5/16" in - 1/8" out	0.28	0.13	0.25	55		X	X	X	0.28	0.12	0.22		X	X	X	
	Low-E 366 Argon, 5/16" in - 1/8" out	0.27	0.20	0.44	56	X	X	X	X	0.28	0.19	0.40		X	X	X	
	Clear	0.43	0.53	0.55	43					0.43	0.48	0.50					
Casement (Non-Impact)	Low-E 240	0.32	0.18	0.27	54				X	0.32	0.17	0.24				X	
	Low-E 240 Argon	0.29	0.18	0.27	57		X	X	X	0.29	0.16	0.24		X	X	X	
	Low-E	0.31	0.26	0.47	54					0.31	0.24	0.42				X	
	Low-E Argon	0.29	0.26	0.47	57		X			0.29	0.23	0.42		X	X	X	
	Low-E 340	0.31	0.13	0.26	54				X	0.31	0.12	0.23				X	
	Low-E 340 Argon	0.29	0.12	0.26	57		X	X	X	0.29	0.12	0.23		X	X	X	
	Low-E 366	0.31	0.19	0.43	54				X	0.31	0.18	0.39				X	
	Low-E 366 Argon	0.28	0.19	0.43	57		X	X	X	0.28	0.18	0.39		X	X	X	
	Energy Saver Plus	0.28	0.19	0.43	57		X	X	X	0.28	0.18	0.39		X	X	X	
	Energy Star North-Central	0.29	0.26	0.47	57		X			0.29	0.23	0.42		X	X	X	
	Energy Star South-Central	0.28	0.19	0.43	57		X	X	X	0.28	0.18	0.39		X	X	X	
	Energy Star Southern	0.31	0.19	0.43	54				X	0.31	0.18	0.39				X	
	Casement (Impact)	Clear, 5/16" in - 1/8" out	0.42	0.50	0.54	43					0.42	0.46	0.49				
		Low-E 240, 5/16" in - 1/8" out	0.31	0.18	0.26	53				X	0.32	0.17	0.24				X
		Low-E 240 Argon, 5/16" in - 1/8" out	0.28	0.18	0.26	56		X	X	X	0.29	0.16	0.24		X	X	X
Low-E, 5/16" in - 1/8" out		0.31	0.25	0.46	54				X	0.31	0.23	0.41				X	
Low-E Argon, 5/16" in - 1/8" out		0.27	0.25	0.46	57	X	X	X	X	0.28	0.23	0.41		X	X	X	
Low-E 340 5/16" in - 1/8" out		0.31	0.13	0.25	53				X	0.32	0.12	0.22				X	
Low-E 340 Argon 5/16" in - 1/8" out		0.28	0.13	0.25	56		X	X	X	0.28	0.12	0.22		X	X	X	
Low-E 366, 5/16" in - 1/8" out		0.30	0.19	0.42	54		X	X	X	0.31	0.18	0.38				X	
Low-E 366 Argon, 5/16" in - 1/8" out	0.27	0.19	0.42	57	X	X	X	X	0.28	0.17	0.38		X	X	X		
Fixed (Non-Impact)	Clear	0.46	0.65	0.70	42					0.46	0.59	0.63					
	Low-E 240	0.32	0.23	0.34	52				X	0.32	0.21	0.30				X	
	Low-E 240 Argon	0.28	0.22	0.34	55		X	X	X	0.28	0.20	0.30		X	X	X	
	Low-E	0.31	0.32	0.60	52					0.31	0.29	0.54					
	Low-E Argon	0.27	0.32	0.60	55	X	X			0.27	0.29	0.54	X	X			
	Low-E 340	0.31	0.16	0.34	54				X	0.31	0.15	0.30				X	
	Low-E 340 Argon	0.27	0.15	0.34	57	X	X	X	X	0.27	0.13	0.30	X	X	X	X	
	Low-E 366	0.31	0.25	0.55	52				X	0.31	0.23	0.50				X	
	Low-E 366 Argon	0.27	0.24	0.55	55	X	X	X	X	0.27	0.22	0.50	X	X	X	X	
	Energy Saver Plus	0.27	0.24	0.55	55	X	X	X	X	0.27	0.22	0.50	X	X	X	X	
	Energy Star North-Central	0.27	0.32	0.60	55	X	X			0.27	0.29	0.54	X	X			
	Energy Star South-Central	0.27	0.24	0.55	55	X	X	X	X	0.27	0.22	0.50	X	X	X	X	
	Energy Star Southern	0.31	0.25	0.55	52				X	0.31	0.23	0.50				X	
	Fixed (Impact)	Clear, 5/16" in - 3/16" out	0.47	0.62	0.69	41					0.48	0.56	0.62				
		Low-E 240, 5/16" in - 3/16" out	0.33	0.23	0.33	50				X	0.35	0.21	0.30				X
Low-E 240 Argon, 5/16" in - 3/16" out		0.29	0.22	0.33	53		X	X	X	0.30	0.20	0.30		X	X	X	
Low-E, 5/16" in - 3/16" out		0.33	0.32	0.59	50					0.34	0.29	0.53					
Low-E Argon, 5/16" in - 3/16" out		0.28	0.32	0.59	54		X			0.29	0.29	0.53		X			
Low-E 340 5/16" in - 1/8" out		0.30	0.16	0.32	53		X	X	X	0.32	0.15	0.29				X	
Low-E 340 Argon 5/16" in - 1/8" out		0.26	0.16	0.32	56	X	X	X	X	0.27	0.14	0.29	X	X	X	X	
Low-E 366, 5/16" in - 3/16" out		0.32	0.25	0.55	50				X	0.34	0.22	0.49				X	
Low-E 366 Argon, 5/16" in - 3/16" out	0.27	0.24	0.55	54	X	X	X	X	0.29	0.22	0.49		X	X	X		
Horizontal Slider (Non-Impact)	Clear	0.48	0.60	0.65	42					0.48	0.54	0.58					
	Low-E 240	0.35	0.21	0.31	51				X	0.35	0.19	0.28				X	
	Low-E 240 Argon	0.31	0.20	0.31	53				X	0.31	0.18	0.28				X	
	Low-E	0.34	0.30	0.55	51					0.34	0.27	0.49					
	Low-E Argon	0.31	0.29	0.55	54					0.31	0.26	0.49					
	Low-E 340	0.34	0.14	0.30	54				X	0.34	0.13	0.27				X	
	Low-E 340 Argon	0.31	0.14	0.30	57				X	0.31	0.13	0.27				X	
	Low-E 366	0.34	0.23	0.51	51				X	0.34	0.21	0.45				X	
	Low-E 366 Argon	0.30	0.22	0.51	54		X	X	X	0.30	0.20	0.45		X	X	X	
	Energy Saver Plus	0.30	0.22	0.51	54		X	X	X	0.30	0.20	0.45		X	X	X	
	Energy Star North-Central	0.30	0.22	0.51	54		X	X	X	0.30	0.20	0.45		X	X	X	
	Energy Star South-Central	0.30	0.22	0.51	54		X	X	X	0.30	0.20	0.45		X	X	X	
Energy Star Southern	0.34	0.23	0.51	51				X	0.34	0.21	0.45				X		

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Horizontal Slider (Impact)	Clear, 5/16" in - 1/8" out	0.47	0.59	0.64	43					0.47	0.53	0.57						
	Low-E 240, 5/16" in - 1/8" out	0.34	0.21	0.31	52				X	0.35	0.19	0.28					X	
	Low-E 240 Argon, 5/16" in - 1/8" out	0.30	0.20	0.31	55		X	X	X	0.31	0.18	0.28					X	
	Low-E, 5/16" in - 1/8" out	0.34	0.30	0.55	52					0.35	0.27	0.49						
	Low-E Argon, 5/16" in - 1/8" out	0.30	0.29	0.55	55		X			0.31	0.26	0.49						
	Low-E 340 5/16" in - 1/8" out	0.33	0.15	0.28	54				X	0.34	0.13	0.25						X
	Low-E 340 Argon 5/16" in - 1/8" out	0.29	0.14	0.28	57		X	X	X	0.30	0.13	0.26		X	X			X
	Low-E 366, 5/16" in - 1/8" out	0.33	0.22	0.50	52				X	0.34	0.20	0.45						X
Low-E 366 Argon, 5/16" in - 1/8" out	0.29	0.22	0.50	55		X	X	X	0.30	0.20	0.45		X	X			X	
Single Hung (Non-Impact)	Clear	0.48	0.62	0.65	43					0.48	0.56	0.58						
	Low-E 240	0.35	0.21	0.32	52				X	0.35	0.19	0.28					X	
	Low-E 240 Argon	0.32	0.20	0.32	55				X	0.32	0.19	0.28					X	
	Low-E	0.35	0.30	0.55	53					0.35	0.27	0.49						
	Low-E Argon	0.31	0.30	0.55	54					0.31	0.27	0.49						
	Low-E 340	0.34	0.13	0.31	53				X	0.34	0.13	0.27						X
	Low-E 340 Argon	0.31	0.14	0.31	54				X	0.31	0.13	0.27						X
	Low-E 366	0.34	0.22	0.51	53				X	0.34	0.20	0.46						X
	Low-E 366 Argon	0.31	0.22	0.51	54				X	0.31	0.20	0.46						X
	Energy Saver Plus	0.30	0.22	0.51	59		X	X	X	0.30	0.20	0.46		X	X			X
	Energy Star North-Central	0.30	0.22	0.51	59		X	X	X	0.30	0.20	0.46		X	X			X
	Energy Star South-Central	0.30	0.22	0.51	59		X	X	X	0.30	0.20	0.46		X	X			X
Energy Star Southern	0.34	0.22	0.51	53				X	0.34	0.20	0.46						X	
Single Hung (Impact)	Clear, 5/16" in - 1/8" out	0.47	0.59	0.63	43					0.47	0.53	0.57						
	Low-E 240, 5/16" in - 1/8" out	0.34	0.21	0.31	52				X	0.35	0.19	0.27					X	
	Low-E 240 Argon, 5/16" in - 1/8" out	0.31	0.20	0.31	55				X	0.31	0.19	0.27					X	
	Low-E, 5/16" in - 1/8" out	0.34	0.30	0.54	52					0.35	0.27	0.48						
	Low-E Argon, 5/16" in - 1/8" out	0.30	0.29	0.54	55		X			0.31	0.26	0.48						
	Low-E 340 5/16" in - 1/8" out	0.34	0.15	0.29	53				X	0.34	0.14	0.26						X
	Low-E 340 Argon 5/16" in - 1/8" out	0.30	0.14	0.29	56		X	X	X	0.30	0.13	0.26		X	X			X
	Low-E 366, 5/16" in - 1/8" out	0.34	0.22	0.50	52				X	0.34	0.20	0.44						X
Low-E 366 Argon, 5/16" in - 1/8" out	0.30	0.22	0.50	55		X	X	X	0.30	0.20	0.44		X	X			X	
Sliding Patio Door (Non-Impact)	Clear	0.48	0.57	0.60	44					0.48	0.50	0.53						
	Low-E 240	0.36	0.19	0.29	54				X	0.36	0.17	0.26						X
	Low-E 240 Argon	0.33	0.19	0.29	55				X	0.33	0.17	0.26						X
	Low-E	0.35	0.28	0.51	54					0.35	0.24	0.45						X
	Low-E Argon	0.32	0.27	0.51	55					0.32	0.24	0.45						X
	Low-E 340	0.35	0.14	0.28	55				X	0.35	0.12	0.25						X
	Low-E 340 Argon	0.31	0.13	0.28	56				X	0.31	0.12	0.25						X
	Low-E 366	0.35	0.21	0.47	55				X	0.35	0.18	0.41						X
	Low-E 366 Argon	0.32	0.20	0.47	55				X	0.32	0.18	0.41						X
	Energy Star > 1/2 Lite	0.32	0.27	0.51	55					0.32	0.24	0.45						X
Sliding Patio Door (Impact)	Clear, 7/16" in - 3/16" out	0.47	0.52	0.57	43					0.47	0.46	0.49						
	Low-E 240, 7/16" in - 3/16" out	0.35	0.19	0.27	52				X	0.35	0.17	0.24						X
	Low-E 240 Argon, 7/16" in - 3/16" out	0.32	0.18	0.27	55				X	0.32	0.16	0.24						X
	Low-E, 7/16" in - 3/16" out	0.34	0.27	0.48	53					0.34	0.24	0.42						X
	Low-E Argon, 7/16" in - 3/16" out	0.31	0.27	0.48	55					0.31	0.24	0.42						X
	Low-E 340 5/16" in - 1/8" out	0.33	0.14	0.27	55				X	0.33	0.12	0.23						X
	Low-E 340 Argon 5/16" in - 1/8" out	0.30	0.13	0.27	57		X	X	X	0.30	0.12	0.23		X	X			X
	Low-E 366, 7/16" in - 3/16" out	0.34	0.21	0.45	53				X	0.34	0.18	0.39						X
Low-E 366 Argon, 7/16" in - 3/16" out	0.31	0.20	0.45	55				X	0.31	0.18	0.39						X	
Swinging Patio Door (Non-Impact)	Clear	0.46	0.45	0.48	43					0.46	0.39	0.41						
	Low-E 240	0.36	0.16	0.23	52				X	0.36	0.14	0.20						X
	Low-E 240 Argon	0.34	0.16	0.23	55				X	0.34	0.14	0.20						X
	Low-E	0.36	0.23	0.41	53				X	0.36	0.20	0.35						X
	Low-E Argon	0.33	0.22	0.41	55				X	0.33	0.20	0.35						X
	Low-E 340	0.36	0.12	0.23	54				X	0.36	0.11	0.20						X
	Low-E 340 Argon	0.33	0.12	0.23	57				X	0.33	0.10	0.20						X
	Low-E 366	0.36	0.17	0.38	53				X	0.36	0.15	0.32						X
Low-E 366 Argon	0.33	0.17	0.38	56				X	0.33	0.15	0.32						X	
Swinging Patio Door (Impact)	Clear, 5/16" in - 3/16" out	0.45	0.43	0.47	43					0.45	0.37	0.40						
	Low-E 240, 5/16" in - 3/16" out	0.36	0.16	0.23	52				X	0.36	0.14	0.19						X
	Low-E 240 Argon, 5/16" in - 3/16" out	0.33	0.15	0.23	54				X	0.33	0.14	0.19						X
	Low-E, 5/16" in - 3/16" out	0.35	0.22	0.40	52				X	0.35	0.20	0.34						X
	Low-E Argon, 5/16" in - 3/16" out	0.33	0.22	0.40	55				X	0.33	0.19	0.34						X
	Low-E 340 5/16" in - 1/8" out	0.35	0.12	0.22	54				X	0.35	0.10	0.19						X
	Low-E 340 Argon 5/16" in - 1/8" out	0.32	0.11	0.22	57				X	0.32	0.10	0.19						X
	Low-E 366, 5/16" in - 3/16" out	0.35	0.17	0.37	52				X	0.35	0.15	0.32						X
Low-E 366 Argon, 5/16" in - 3/16" out	0.33	0.17	0.37	55				X	0.33	0.15	0.32						X	