

Silver Line Thermal Performance Information

Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	No Grilles								With Grilles										
						U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0							
									North	NC	SC	South					North	NC	SC	South				
V3 Series	Double-Hung Nailing Flange Frame with optional J-Channel Frame	SIL-N-33	Low-E/Air	2.2mm	Intercept	0.33	0.30	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.33	0.30	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E/Argon	2.2mm	Intercept	0.30	0.30	0.55	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.29	0.30	0.54	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E PS/Air	2.2mm	Intercept	0.33	0.45	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.33	0.44	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E PS/Argon	2.2mm	Intercept*	0.30	0.45	0.55	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept*	0.30	0.45	0.55	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept*	0.30	0.45	0.55	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E2+ PS/Air	2.2mm	Intercept	0.28	0.36	0.54	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.28	0.36	0.53	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E2+ PS/Argon	2.2mm	Intercept	0.26	0.36	0.54	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
		3.0mm		Intercept	0.26	0.35	0.53	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Low-E SC/Air	2.2mm	Intercept	0.33	0.22	0.43	-	-	-	-	S	-	-	-	-	-	-	-	-	-	S	-	
			3.0mm	Intercept	0.33	0.22	0.43	-	-	-	-	-	S	-	-	-	-	-	-	-	-	S	-	
		Low-E SC/Argon	2.2mm	Intercept	0.30	0.22	0.43	-	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-	
			3.0mm	Intercept	0.29	0.22	0.43	-	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-	
		Double-Hung Picture Nailing Flange Frame with optional J-Channel Frame	SIL-N-67	Low-E/Air	3.0mm	Intercept	0.30	0.30	0.57	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-
					4.0mm	Intercept	0.30	0.30	0.57	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-
				Low-E/Argon	3.0mm	Intercept	0.26	0.30	0.57	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-
					4.0mm	Intercept	0.26	0.30	0.57	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-
				Low-E PS/Air	3.0mm	Intercept	0.30	0.47	0.59	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					4.0mm	Intercept	0.30	0.46	0.58	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Low-E PS/Argon	3.0mm	Intercept	0.26	0.47	0.59	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4.0mm				Intercept	0.26	0.46	0.58	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Low-E2+ PS/Air			3.0mm	Intercept	0.26	0.39	0.59	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				4.0mm	Intercept	0.26	0.38	0.58	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Low-E2+ PS/Argon			3.0mm	Intercept	0.23	0.39	0.59	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				4.0mm	Intercept	0.23	0.38	0.58	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Low-E SC/Air			3.0mm	Intercept	0.29	0.23	0.45	-	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-
				4.0mm	Intercept	0.29	0.23	0.45	-	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-
	Low-E SC/Argon			3.0mm	Intercept	0.26	0.23	0.45	N	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-
				4.0mm	Intercept	0.25	0.23	0.45	N	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-
	Double-Hung Specialty Nailing Flange Frame with optional J-Channel Frame	SIL-N-67	Low-E/Air	3.0mm	SS	0.29	0.30	0.57	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				4.0mm	SS	0.29	0.30	0.57	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E/Argon	3.0mm	SS	0.25	0.30	0.57	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				4.0mm	SS	0.25	0.30	0.57	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E PS/Air	3.0mm	SS	0.29	0.47	0.59	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				4.0mm	SS	0.30	0.46	0.58	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E PS/Argon	3.0mm	SS	0.25	0.47	0.59	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				4.0mm	SS	0.26	0.46	0.58	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E2+ PS/Air	3.0mm	SS	0.25	0.39	0.59	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				4.0mm	SS	0.26	0.38	0.58	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E2+ PS/Argon	3.0mm	SS	0.23	0.39	0.59	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				4.0mm	SS	0.23	0.38	0.58	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E SC/Air	3.0mm	SS	0.29	0.23	0.45	-	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-
				4.0mm	SS	0.29	0.24	0.45	-	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-
			Low-E SC/Argon	3.0mm	SS	0.25	0.23	0.45	N	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-
				4.0mm	SS	0.25	0.23	0.45	N	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-
	Double Hung Insert Frame	SIL-N-61	Clear/Air	2.2mm	Intercept	0.46	0.60	0.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.46	0.59	0.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E/Air	2.2mm	Intercept	0.33	0.29	0.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.33	0.29	0.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E/Argon	2.2mm	Intercept	0.30	0.29	0.53	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.30	0.29	0.52	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E PS/Air	2.2mm	Intercept	0.34	0.44	0.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.33	0.43	0.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E PS/Argon	2.2mm	Intercept	0.30	0.44	0.53	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.30	0.43	0.53	N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E2+ PS/Air	2.2mm	Intercept	0.29	0.35	0.52	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.29	0.34	0.51	-	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E2+ PS/Argon	2.2mm	Intercept	0.27	0.35	0.52	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.27	0.34	0.51	N	NC	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Low-E SC/Air	2.2mm	Intercept	0.33	0.21	0.42	-	-	-	-	S	-	-	-	-	-	-	-	-	-	S	-
				3.0mm	Intercept	0.33	0.21	0.41	-	-	-	-	-	S	-	-	-	-	-	-	-	-	S	-
			Low-E SC/Argon	2.2mm	Intercept	0.30	0.21	0.42	-	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-
				3.0mm	Intercept	0.30	0.21	0.41	-	NC	SC	S	-	-	-	-	-	-	-	-	-	-	S	-

Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	No Grilles								With Grilles							
						U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				
									North	NC	SC	South					North	NC	SC	South	
V3 Series	Gliding Insert Frame	SIL-N-10	Clear/Air	2.2mm	Intercept	0.47	0.60	0.62	-	-	-	-	Intercept	0.47	0.54	0.55	-	-	-	-	
				3.0mm	Intercept	0.47	0.59	0.61	-	-	-	-	Intercept	0.47	0.53	0.55	-	-	-	-	
			Low-E/Air	2.2mm	Intercept	0.34	0.29	0.53	-	-	-	-	Intercept	0.34	0.27	0.47	-	-	-	-	
				3.0mm	Intercept	0.34	0.29	0.52	-	-	-	-	Intercept	0.34	0.26	0.47	-	-	-	-	
			Low-E/Argon	2.2mm	Intercept	0.30	0.29	0.53	-	NC	-	-	Intercept	0.30	0.26	0.47	-	NC	-	-	
				3.0mm	Intercept	0.30	0.29	0.52	-	NC	-	-	Intercept	0.30	0.26	0.47	-	NC	-	-	
			Low-E PS/Air	2.2mm	Intercept	0.34	0.44	0.54	-	-	-	-	Intercept	0.34	0.39	0.48	-	-	-	-	
				3.0mm	Intercept	0.34	0.43	0.53	-	-	-	-	Intercept	0.34	0.39	0.47	-	-	-	-	
			Low-E PS/Argon	2.2mm	Intercept	0.31	0.44	0.54	-	-	-	-	Intercept	0.31	0.39	0.48	-	-	-	-	
				3.0mm	Intercept	0.31	0.43	0.53	-	-	-	-	Intercept	0.31	0.39	0.47	-	-	-	-	
			Low-E2+ PS/Air	2.2mm	Intercept	0.29	0.35	0.52	-	NC	-	-	Intercept	0.29	0.31	0.46	-	NC	-	-	
				3.0mm	Intercept	0.29	0.35	0.52	-	NC	-	-	Intercept	0.29	0.31	0.46	-	NC	-	-	
			Low-E2+ PS/Argon	2.2mm	Intercept	0.27	0.35	0.52	N	NC	-	-	Intercept	0.27	0.31	0.46	N	NC	-	-	
				3.0mm	Intercept	0.27	0.34	0.52	N	NC	-	-	Intercept	0.27	0.31	0.46	N	NC	-	-	
			Low-E SC/Air	2.2mm	Intercept	0.34	0.21	0.42	-	-	-	S	Intercept	0.34	0.19	0.37	-	-	-	S	
				3.0mm	Intercept	0.33	0.22	0.42	-	-	-	S	Intercept	0.33	0.19	0.37	-	-	-	S	
			Low-E SC/Argon	2.2mm	Intercept	0.30	0.21	0.42	-	NC	SC	S	Intercept	0.30	0.19	0.37	-	NC	SC	S	
				3.0mm	Intercept	0.30	0.21	0.42	-	NC	SC	S	Intercept	0.30	0.19	0.37	-	NC	SC	S	
	Casement Insert or Nailing Flange Frame with Optional J-Channel Frame	SIL-N-56	Clear/Air	2.2mm	Intercept	0.40	0.51	0.52	-	-	-	-	Intercept	0.40	0.46	0.47	-	-	-	-	
				3.0mm	Intercept	0.40	0.50	0.52	-	-	-	-	Intercept	0.40	0.45	0.46	-	-	-	-	
			Low-E/Air	2.2mm	Intercept	0.30	0.25	0.44	-	NC	SC	S	Intercept	0.30	0.23	0.40	-	NC	SC	S	
				3.0mm	Intercept	0.30	0.25	0.44	-	NC	SC	S	Intercept	0.30	0.23	0.40	-	NC	SC	S	
			Low-E/Argon	2.2mm	Intercept	0.27	0.25	0.44	N	NC	SC	S	Intercept	0.27	0.23	0.40	N	NC	SC	S	
				3.0mm	Intercept	0.27	0.25	0.44	N	NC	SC	S	Intercept	0.27	0.23	0.40	N	NC	SC	S	
			Low-E PS/Air	2.2mm	Intercept	0.30	0.37	0.45	-	NC	-	-	Intercept	0.30	0.33	0.41	-	NC	-	-	
				3.0mm	Intercept	0.30	0.36	0.45	-	NC	-	-	Intercept	0.30	0.33	0.40	-	NC	-	-	
			Low-E PS/Argon	2.2mm	Intercept	0.27	0.37	0.45	N	NC	-	-	Intercept	0.27	0.34	0.41	N	NC	-	-	
				3.0mm	Intercept	0.27	0.37	0.45	N	NC	-	-	Intercept	0.27	0.33	0.40	N	NC	-	-	
			Low-E2+ PS/Air	2.2mm	Intercept	0.27	0.31	0.45	N	NC	-	-	Intercept	0.27	0.28	0.41	N	NC	-	-	
				3.0mm	Intercept	0.27	0.30	0.45	N	NC	-	-	Intercept	0.27	0.28	0.40	N	NC	-	-	
			Low-E2+ PS/Argon	2.2mm	Intercept	0.25	0.30	0.45	N	NC	-	-	Intercept	0.25	0.28	0.41	N	NC	-	-	
				3.0mm	Intercept	0.25	0.30	0.45	N	NC	-	-	Intercept	0.25	0.27	0.40	N	NC	-	-	
			Low-E SC/Air	2.2mm	Intercept	0.30	0.18	0.35	-	NC	SC	S	Intercept	0.30	0.17	0.32	-	NC	SC	S	
				3.0mm	Intercept	0.29	0.18	0.35	-	NC	SC	S	Intercept	0.29	0.17	0.31	-	NC	SC	S	
			Low-E SC/Argon	2.2mm	Intercept	0.27	0.18	0.35	N	NC	SC	S	Intercept	0.27	0.17	0.32	N	NC	SC	S	
				3.0mm	Intercept	0.27	0.18	0.35	N	NC	SC	S	Intercept	0.27	0.17	0.31	N	NC	SC	S	
	Awning Insert or Nailing Flange Frame with optional J-Channel Frame	SIL-N-57	Clear/Air	2.2mm	Intercept	0.42	0.51	0.52	-	-	-	-	Intercept	0.42	0.46	0.47	-	-	-	-	
				3.0mm	Intercept	0.42	0.50	0.52	-	-	-	-	Intercept	0.42	0.45	0.46	-	-	-	-	
			Low-E/Air	2.2mm	Intercept	0.30	0.25	0.44	-	NC	SC	S	Intercept	0.30	0.23	0.40	-	NC	SC	S	
				3.0mm	Intercept	0.30	0.25	0.44	-	NC	SC	S	Intercept	0.30	0.23	0.40	-	NC	SC	S	
			Low-E/Argon	2.2mm	Intercept	0.28	0.25	0.44	-	NC	SC	S	Intercept	0.28	0.23	0.40	-	NC	SC	S	
				3.0mm	Intercept	0.28	0.25	0.44	-	NC	SC	S	Intercept	0.28	0.23	0.40	-	NC	SC	S	
			Low-E PS/Air	2.2mm	Intercept	0.31	0.37	0.45	-	-	-	-	Intercept	0.31	0.33	0.41	-	-	-	-	
				3.0mm	Intercept	0.31	0.36	0.45	-	-	-	-	Intercept	0.31	0.33	0.40	-	-	-	-	
			Low-E PS/Argon	2.2mm	Intercept	0.28	0.37	0.45	N	NC	-	-	Intercept	0.28	0.34	0.41	N	NC	-	-	
				3.0mm	Intercept	0.28	0.37	0.45	N	NC	-	-	Intercept	0.28	0.33	0.40	N	NC	-	-	
			Low-E2+ PS/Air	2.2mm	Intercept	0.28	0.31	0.45	-	NC	-	-	Intercept	0.28	0.28	0.41	-	NC	-	-	
				3.0mm	Intercept	0.28	0.30	0.45	-	NC	-	-	Intercept	0.28	0.28	0.40	-	NC	-	-	
			Low-E2+ PS/Argon	2.2mm	Intercept	0.26	0.31	0.45	N	NC	-	-	Intercept	0.26	0.28	0.41	N	NC	-	-	
				3.0mm	Intercept	0.26	0.30	0.45	N	NC	-	-	Intercept	0.26	0.27	0.40	N	NC	-	-	
			Low-E SC/Air	2.2mm	Intercept	0.30	0.18	0.35	-	NC	SC	S	Intercept	0.30	0.17	0.32	-	NC	SC	S	
				3.0mm	Intercept	0.30	0.18	0.35	-	NC	SC	S	Intercept	0.30	0.17	0.31	-	NC	SC	S	
Low-E SC/Argon			2.2mm	Intercept	0.27	0.18	0.35	N	NC	SC	S	Intercept	0.27	0.17	0.32	N	NC	SC	S		
			3.0mm	Intercept	0.27	0.18	0.35	N	NC	SC	S	Intercept	0.27	0.17	0.31	N	NC	SC	S		
Casement Picture Insert or Nailing Flange Frame with optional J-channel Frame	SIL-N-55	Clear/Air	3.0mm	Intercept	0.46	0.66	0.69	-	-	-	-	Intercept	0.46	0.59	0.62	-	-	-	-		
			4.0mm	Intercept	0.46	0.64	0.69	-	-	-	-	Intercept	0.46	0.58	0.62	-	-	-	-		
		Low-E/Air	3.0mm	Intercept	0.31	0.33	0.59	-	-	-	-	Intercept	0.31	0.30	0.53	-	-	-	-		
			4.0mm	Intercept	0.31	0.33	0.59	-	-	-	-	Intercept	0.31	0.30	0.53	-	-	-	-		
		Low-E/Argon	3.0mm	Intercept	0.27	0.33	0.59	N	NC	-	-	Intercept	0.27	0.30	0.53	N	NC	-	-		
			4.0mm	Intercept	0.27	0.33	0.59	N	NC	-	-	Intercept	0.27	0.29	0.53	N	NC	-	-		
		Low-E PS/Air	3.0mm	Intercept	0.31	0.48	0.60	-	-	-	-	Intercept	0.31	0.43	0.54	-	-	-	-		
			4.0mm	Intercept	0.31	0.47	0.59	-	-	-	-	Intercept	0.31	0.42	0.53	-	-	-	-		
		Low-E PS/Argon	3.0mm	Intercept	0.27	0.48	0.60	N	-	-	-	Intercept	0.27	0.44	0.54	N	-	-	-		
			4.0mm	Intercept	0.27	0.47	0.59	N	-	-	-	Intercept	0.27	0.43	0.53	N	-	-	-		
		Low-E2+ PS/Air	3.0mm	Intercept	0.27	0.40	0.60	N	NC	-	-	Intercept	0.27	0.36	0.54	N	NC	-	-		
			4.0mm	Intercept	0.27	0.39	0.60	N	NC	-	-	Intercept	0.27	0.36	0.54	N	NC	-	-		
		Low-E2+ PS/Argon	3.0mm	Intercept	0.24	0.40	0.60	N	NC	-	-	Intercept	0.24	0.36	0.54	N	NC	-	-		
			4.0mm	Intercept	0.24	0.39	0.60	N	NC	-	-	Intercept	0.24	0.36	0.54	N	NC	-	-		
		Low-E SC/Air	3.0mm	Intercept	0.31	0.24	0.47	-	-	-	S	Intercept	0.31	0.22	0.42	-	-	-	S		
			4.0mm	Intercept	0.31	0.24	0.46	-	-	-	S	Intercept	0.31	0.22	0.42	-	-	-	S		
		Low-E SC/Argon	3.0mm	Intercept	0.27	0.24	0.47	N	NC	SC	S	Intercept	0.27	0.22	0.42	N	NC	SC	S		
			4.0mm	Intercept	0.27	0.24	0.46	N	NC	SC	S	Intercept	0.27	0.22	0.42	N	NC	SC	S		

Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	No Grilles								With Grilles								
						U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0					
									North	NC	SC	South					North	NC	SC	South		
V3 Series	Casement Specialty Insert or Nailing Flange Frame with optional J-channel Frame Double-Hung Specialty Insert Frame	SIL-N-55	Clear/Air	3.0mm	SS	0.45	0.66	0.69	-	-	-	-	SS	0.45	0.59	0.62	-	-	-	-		
				4.0mm	SS	0.45	0.64	0.69	-	-	-	-	SS	0.46	0.58	0.62	-	-	-	-		
			Low-E/Air	3.0mm	SS	0.30	0.33	0.59	-	NC	-	-	SS	0.30	0.30	0.53	-	NC	-	-		
				4.0mm	SS	0.30	0.33	0.59	-	NC	-	-	SS	0.32	0.30	0.53	-	-	-	-		
			Low-E/Argon	3.0mm	SS	0.26	0.33	0.59	N	NC	-	-	SS	0.26	0.30	0.53	N	NC	-	-		
				4.0mm	SS	0.26	0.33	0.59	N	NC	-	-	SS	0.27	0.29	0.53	N	NC	-	-		
			Low-E PS/Air	3.0mm	SS	0.30	0.48	0.60	N	-	-	-	SS	0.30	0.43	0.54	N	-	-	-		
				4.0mm	SS	0.31	0.47	0.59	-	-	-	-	SS	0.32	0.42	0.53	-	-	-	-		
			Low-E PS/Argon	3.0mm	SS	0.26	0.48	0.60	N	-	-	-	SS	0.26	0.44	0.54	N	-	-	-		
				4.0mm	SS	0.26	0.47	0.59	N	-	-	-	SS	0.27	0.43	0.53	N	-	-	-		
			Low-E2+ PS/Air	3.0mm	SS	0.26	0.40	0.60	N	NC	-	-	SS	0.26	0.36	0.54	N	NC	-	-		
				4.0mm	SS	0.27	0.40	0.60	N	NC	-	-	SS	0.28	0.36	0.54	N	NC	-	-		
			Low-E2+ PS/Argon	3.0mm	SS	0.23	0.40	0.60	N	NC	-	-	SS	0.23	0.36	0.54	N	NC	-	-		
				4.0mm	SS	0.24	0.39	0.60	N	NC	-	-	SS	0.24	0.36	0.54	N	NC	-	-		
			Low-E SC/Air	3.0mm	SS	0.30	0.24	0.47	-	NC	SC	S	SS	0.30	0.22	0.42	-	NC	SC	S		
				4.0mm	SS	0.30	0.24	0.46	-	NC	SC	S	SS	0.31	0.22	0.42	-	-	-	S		
			Low-E SC/Argon	3.0mm	SS	0.26	0.24	0.47	N	NC	SC	S	SS	0.26	0.22	0.42	N	NC	SC	S		
				4.0mm	SS	0.26	0.24	0.46	N	NC	SC	S	SS	0.27	0.22	0.42	N	NC	SC	S		
			Gliding Patio Door Nailing Flange with J-channel Frame	SIL-N-36	Clear/Air	3.0mm Temp	Intercept	0.46	0.64	0.66	-	-	-	-	Intercept	0.46	0.56	0.58	-	-	-	-
						4.0mm Temp	Intercept	0.46	0.63	0.66	-	-	-	-	Intercept	0.47	0.55	0.58	-	-	-	-
	Low-E/Air	3.0mm Temp			Intercept	0.32	0.32	0.57	-	-	-	-	Intercept	0.32	0.28	0.50	-	-	-	-		
		4.0mm Temp			Intercept	0.32	0.31	0.56	-	-	-	-	Intercept	0.34	0.28	0.49	-	-	-	-		
	Low-E/Argon	3.0mm Temp			Intercept	0.28	0.31	0.57	N	NC	-	-	Intercept	0.28	0.28	0.50	N	NC	-	-		
		4.0mm Temp			Intercept	0.28	0.31	0.56	N	NC	-	-	Intercept	0.29	0.28	0.49	N	NC	-	-		
	Low-E PS/Air	3.0mm Temp			Intercept	0.32	0.46	0.57	-	-	-	-	Intercept	0.32	0.41	0.50	-	-	-	-		
		4.0mm Temp			Intercept	0.33	0.46	0.57	-	-	-	-	Intercept	0.34	0.40	0.50	-	-	-	-		
	Low-E PS/Argon	3.0mm Temp			Intercept	0.28	0.47	0.57	-	-	-	-	Intercept	0.28	0.41	0.50	-	-	-	-		
		4.0mm Temp			Intercept	0.28	0.46	0.57	-	-	-	-	Intercept	0.30	0.41	0.50	-	-	-	-		
	Low-E2+ PS/Air	3.0mm Temp			Intercept	0.27	0.37	0.56	N	NC	-	-	Intercept	0.27	0.33	0.49	N	NC	-	-		
		4.0mm Temp			Intercept	0.28	0.37	0.55	N	NC	-	-	Intercept	0.29	0.33	0.49	N	NC	-	-		
	Low-E SC/Air	3.0mm Temp			Intercept	0.24	0.37	0.56	N	NC	-	-	Intercept	0.24	0.33	0.49	N	NC	-	-		
		4.0mm Temp			Intercept	0.25	0.37	0.55	N	NC	-	-	Intercept	0.26	0.32	0.49	N	NC	-	-		
	Low-E SC/Argon	3.0mm Temp			Intercept	0.32	0.23	0.45	-	-	-	-	Intercept	0.32	0.21	0.39	-	-	-	-		
		4.0mm Temp			Intercept	0.32	0.23	0.45	-	-	-	-	Intercept	0.34	0.21	0.39	-	-	-	-		
	Low-E SC/Argon	3.0mm Temp			Intercept	0.28	0.23	0.45	N	NC	SC	S	Intercept	0.28	0.20	0.39	N	NC	SC	S		
		4.0mm Temp			Intercept	0.28	0.23	0.45	N	NC	SC	S	Intercept	0.29	0.20	0.39	N	NC	SC	S		
	Gliding Patio Sidelight Nailing Flange with J-channel Frame	SIL-N-65			Clear/Air	3.0mm Temp	Intercept	0.45	0.62	0.66	-	-	-	-	Intercept	0.45	0.56	0.59	-	-	-	-
						4.0mm Temp	Intercept	0.46	0.60	0.65	-	-	-	-	Intercept	0.46	0.54	0.58	-	-	-	-
			Low-E/Air	3.0mm Temp	Intercept	0.31	0.31	0.56	-	-	-	-	Intercept	0.31	0.28	0.50	-	-	-	-		
				4.0mm Temp	Intercept	0.32	0.31	0.56	-	-	-	-	Intercept	0.32	0.28	0.50	-	-	-	-		
			Low-E/Argon	3.0mm Temp	Intercept	0.28	0.31	0.56	-	NC	-	-	Intercept	0.28	0.28	0.50	-	NC	-	-		
				4.0mm Temp	Intercept	0.28	0.31	0.56	-	NC	-	-	Intercept	0.28	0.28	0.50	-	NC	-	-		
			Low-E PS/Air	3.0mm Temp	Intercept	0.32	0.45	0.57	-	-	-	-	Intercept	0.32	0.41	0.51	-	-	-	-		
				4.0mm Temp	Intercept	0.32	0.44	0.56	-	-	-	-	Intercept	0.32	0.40	0.50	-	-	-	-		
			Low-E PS/Argon	3.0mm Temp	Intercept	0.28	0.46	0.57	N	-	-	-	Intercept	0.28	0.41	0.51	N	-	-	-		
				4.0mm Temp	Intercept	0.28	0.45	0.56	N	-	-	-	Intercept	0.28	0.40	0.50	N	NC	-	-		
			Low-E2+ PS/Air	3.0mm Temp	Intercept	0.28	0.38	0.57	N	NC	-	-	Intercept	0.28	0.34	0.51	N	NC	-	-		
				4.0mm Temp	Intercept	0.28	0.37	0.57	N	NC	-	-	Intercept	0.28	0.34	0.51	N	NC	-	-		
			Low-E2+ PS/Argon	3.0mm Temp	Intercept	0.25	0.38	0.57	N	NC	-	-	Intercept	0.25	0.34	0.51	N	NC	-	-		
				4.0mm Temp	Intercept	0.25	0.37	0.57	N	NC	-	-	Intercept	0.25	0.33	0.51	N	NC	-	-		
			Low-E SC/Air	3.0mm Temp	Intercept	0.31	0.23	0.44	-	-	-	S	Intercept	0.31	0.21	0.40	-	-	-	S		
				4.0mm Temp	Intercept	0.31	0.23	0.44	-	-	-	S	Intercept	0.31	0.21	0.39	-	-	-	S		
			Low-E SC/Argon	3.0mm Temp	Intercept	0.28	0.22	0.44	-	NC	SC	S	Intercept	0.28	0.20	0.40	-	NC	SC	S		
				4.0mm Temp	Intercept	0.28	0.22	0.44	-	NC	SC	S	Intercept	0.28	0.20	0.39	-	NC	SC	S		
			Gliding Patio Transom Nailing Flange with J-channel Frame	SIL-N-66	Clear/Air	3.0mm Temp	Intercept	0.46	0.62	0.65	-	-	-	-	Intercept	0.46	0.56	0.59	-	-	-	-
						4.0mm Temp	Intercept	0.47	0.60	0.65	-	-	-	-	Intercept	0.47	0.55	0.59	-	-	-	-
	Low-E/Air	3.0mm Temp			Intercept	0.32	0.31	0.56	-	-	-	-	Intercept	0.32	0.28	0.50	-	-	-	-		
		4.0mm Temp			Intercept	0.33	0.31	0.55	-	-	-	-	Intercept	0.33	0.28	0.50	-	-	-	-		
	Low-E/Argon	3.0mm Temp			Intercept	0.29	0.31	0.56	-	NC	-	-	Intercept	0.29	0.28	0.50	-	NC	-	-		
		4.0mm Temp			Intercept	0.29	0.31	0.55	-	NC	-	-	Intercept	0.29	0.28	0.50	-	NC	-	-		
	Low-E PS/Air	3.0mm Temp			Intercept	0.33	0.45	0.57	-	-	-	-	Intercept	0.33	0.41	0.51	-	-	-	-		
		4.0mm Temp			Intercept	0.33	0.44	0.56	-	-	-	-	Intercept	0.33	0.40	0.51	-	-	-	-		
	Low-E PS/Argon	3.0mm Temp			Intercept	0.29	0.46	0.57	N	-	-	-	Intercept	0.29	0.41	0.51	N	-	-	-		
		4.0mm Temp			Intercept	0.29	0.45	0.56	N	-	-	-	Intercept	0.29	0.41	0.51	N	-	-	-		
	Low-E2+ PS/Air	3.0mm Temp			Intercept	0.29	0.38	0.57	N	NC	-	-	Intercept	0.29	0.34	0.51	-	NC	-	-		
		4.0mm Temp			Intercept	0.30	0.37	0.56	-	NC	-	-	Intercept	0.30	0.34	0.51	-	NC	-	-		
	Low-E2+ PS/Argon	3.0mm Temp			Intercept	0.26	0.37	0.57	N	NC	-	-	Intercept	0.26	0.34	0.51	N	NC	-	-		
		4.0mm Temp			Intercept	0.26	0.37	0.56	N	NC	-	-	Intercept	0.26	0.34	0.51	N	NC	-	-		
	Low-E SC/Air	3.0mm Temp			Intercept	0.32	0.23	0.44	-	-	-	S	Intercept	0.32	0.21	0.40	-	-	-	S		
		4.0mm Temp			Intercept	0.32	0.23	0.44	-	-	-	S	Intercept	0.32	0.21	0.40	-	-	-	S		
	Low-E SC/Argon	3.0mm Temp			Intercept	0.29	0.22	0.44	-	NC	SC	S	Intercept	0.29	0.20	0.40	-	NC	SC	S		
4.0mm Temp		Intercept			0.29	0.22	0.44	-	NC	SC	S	Intercept	0.29	0.20	0.40	-	NC	SC	S			

						No Grilles								With Grilles							
Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				
									North	NC	SC	South					North	NC	SC	South	
V3 Series	Gliding Patio Door with Blinds-Between-the-Glass Nailing Flange with J-channel Frame	SIL-N-36	Low-E/Air	3.0mm Temp	Intercept	0.35	0.28	0.51	-	-	-	-	Intercept	-	-	-	-	-	-	-	
	Gliding Patio Door with Blinds-Between-the-Glass Sidelight Nailing Flange with J-channel Frame	SIL-N-65	Low-E/Air	3.0mm Temp	Intercept	0.34	0.28	0.50	-	-	-	-	Intercept	-	-	-	-	-	-	-	
V3 Series w/Coastal Watch Protection	Double-Hung Nailing Flange Frame with optional J-Channel Frame	SIL-N-33	Low-E/Air	Lami/3.0mm	Intercept	0.35	0.29	0.52	-	-	-	-	Intercept	0.36	0.26	0.46	-	-	-	-	
			Low-E/Argon	Lami/3.0mm	Intercept	0.31	0.29	0.52	-	-	-	-	Intercept	0.32	0.26	0.46	-	-	-	-	
			Low-E SC/Air	Lami/3.0mm	Intercept	0.35	0.22	0.41	-	-	-	S	Intercept	0.36	0.19	0.36	-	-	-	S	
			Low-E SC/Argon	Lami/3.0mm	Intercept	0.31	0.21	0.41	-	-	-	S	Intercept	0.32	0.19	0.36	-	-	-	S	
	Gliding Insert Frame	SIL-N-10	Clear/Air	Lami/3.0mm	Intercept	0.48	0.56	0.60	-	-	-	-	Intercept	0.48	0.50	0.53	-	-	-	-	
			Low-E/Air	Lami/3.0mm	Intercept	0.35	0.29	0.51	-	-	-	-	Intercept	0.35	0.26	0.46	-	-	-	-	
			Low-E/Argon	Lami/3.0mm	Intercept	0.31	0.29	0.51	-	-	-	-	Intercept	0.31	0.26	0.46	-	-	-	-	
			Low-E SC/Air	Lami/3.0mm	Intercept	0.35	0.21	0.41	-	-	-	S	Intercept	0.35	0.19	0.36	-	-	-	S	
			Low-E SC/Argon	Lami/3.0mm	Intercept	0.31	0.21	0.41	-	-	-	S	Intercept	0.31	0.19	0.36	-	-	-	S	
	Casement Insert or Nailing Flange Frame with optional J-channel Frame		Clear/Air	Lami/3.0mm	Intercept	0.40	0.47	0.51	-	-	-	-	Intercept	0.41	0.43	0.46	-	-	-	-	
			Low-E/Air	Lami/3.0mm	Intercept	0.30	0.25	0.44	-	NC	SC	S	Intercept	0.31	0.23	0.39	-	-	-	S	
			Low-E/Argon	Lami/3.0mm	Intercept	0.27	0.25	0.44	N	NC	SC	S	Intercept	0.28	0.23	0.39	-	NC	SC	S	
			Low-E SC/Air	Lami/3.0mm	Intercept	0.30	0.18	0.35	-	NC	SC	S	Intercept	0.31	0.17	0.31	-	-	-	S	
			Low-E SC/Argon	Lami/3.0mm	Intercept	0.27	0.18	0.35	N	NC	SC	S	Intercept	0.27	0.17	0.31	N	NC	SC	S	
	Awning Insert or Nailing Flange Frame with optional J-Channel Frame	SIL-N-57	Clear/Air	Lami/3.0mm	Intercept	0.41	0.47	0.51	-	-	-	-	Intercept	0.41	0.43	0.46	-	-	-	-	
			Low-E/Air	Lami/3.0mm	Intercept	0.31	0.25	0.44	-	-	-	S	Intercept	0.32	0.23	0.39	-	-	-	S	
			Low-E/Argon	Lami/3.0mm	Intercept	0.27	0.25	0.44	N	NC	SC	S	Intercept	0.28	0.23	0.39	-	NC	SC	S	
			Low-E SC/Air	Lami/3.0mm	Intercept	0.31	0.19	0.35	-	-	-	S	Intercept	0.32	0.17	0.31	-	-	-	S	
			Low-E SC/Argon	Lami/3.0mm	Intercept	0.27	0.18	0.35	N	NC	SC	S	Intercept	0.28	0.17	0.31	-	NC	SC	S	
	Casement Picture Insert or Nailing Flange Frame with optional J-channel Frame	SIL-N-55	Clear/Air	Lami/3.0mm	Intercept	0.45	0.63	0.69	-	-	-	-	Intercept	0.46	0.57	0.62	-	-	-	-	
			Low-E/Air	Lami/3.0mm	Intercept	0.32	0.33	0.59	-	-	-	-	Intercept	0.33	0.30	0.53	-	-	-	-	
			Low-E/Argon	Lami/3.0mm	Intercept	0.27	0.33	0.59	N	NC	-	-	Intercept	0.28	0.30	0.53	-	NC	-	-	
			Low-E SC/Air	Lami/3.0mm	Intercept	0.31	0.24	0.47	-	-	-	S	Intercept	0.33	0.22	0.42	-	-	-	S	
			Low-E SC/Argon	Lami/3.0mm	Intercept	0.27	0.24	0.47	N	NC	SC	S	Intercept	0.28	0.22	0.42	-	NC	SC	S	
	Casement Picture Insert or Nailing Flange Frame with optional J-channel Frame	SIL-N-55	Clear/Air	Lami/3.0mm	SS	0.45	0.63	0.69	-	-	-	-	SS	0.46	0.57	0.62	-	-	-	-	
			Low-E/Air	Lami/3.0mm	SS	0.32	0.33	0.59	-	-	-	-	SS	0.34	0.30	0.53	-	-	-	-	
			Low-E/Argon	Lami/3.0mm	SS	0.27	0.33	0.59	N	NC	-	-	SS	0.29	0.30	0.53	-	NC	-	-	
			Low-E SC/Air	Lami/3.0mm	SS	0.32	0.24	0.47	-	-	-	S	SS	0.33	0.22	0.42	-	-	-	S	
			Low-E SC/Argon	Lami/3.0mm	SS	0.27	0.24	0.47	N	NC	SC	S	SS	0.28	0.22	0.42	-	NC	SC	S	
	Gliding Patio Door Nailing Flange with J-channel Frame	SIL-N-36	Clear/Air	Lami/3.0mm Temp	Intercept	0.44	0.61	0.65	-	-	-	-	Intercept	0.44	0.53	0.57	-	-	-	-	
			Low-E/Air	Lami/3.0mm Temp	Intercept	0.31	0.31	0.55	-	-	-	-	Intercept	0.31	0.28	0.49	-	-	-	-	
			Low-E/Argon	Lami/3.0mm Temp	Intercept	0.28	0.31	0.55	N	NC	-	-	Intercept	0.28	0.27	0.49	N	NC	-	-	
			Low-E SC/Air	Lami/3.0mm Temp	Intercept	0.31	0.23	0.44	-	-	-	-	Intercept	0.31	0.20	0.38	-	-	-	-	
			Low-E SC/Argon	Lami/3.0mm Temp	Intercept	0.28	0.09	0.14	N	NC	SC	S	Intercept	0.28	0.20	0.38	N	NC	SC	S	

Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	No Grilles								With Grilles							
						U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				
									North	NC	SC	South					North	NC	SC	South	
V1 Series	Double-Hung Insert Frame	SIL-N-2	Clear/Air	2.2mm	Intercept	0.48	0.63	0.64	-	-	-	-	Intercept	0.48	0.56	0.57	-	-	-	-	
				3.0mm	Intercept	0.48	0.62	0.64	-	-	-	-	Intercept	0.49	0.55	0.57	-	-	-	-	
			Low-E/Air	2.2mm	Intercept	0.34	0.31	0.55	-	-	-	-	Intercept	0.35	0.28	0.49	-	-	-	-	
				3.0mm	Intercept	0.35	0.31	0.55	-	-	-	-	Intercept	0.36	0.28	0.49	-	-	-	-	
			Low-E/Argon	2.2mm	Intercept	0.30	0.31	0.55	-	NC	-	-	Intercept	0.30	0.26	0.49	-	NC	-	-	
				3.0mm	Intercept	0.30	0.29	0.54	-	NC	-	-	Intercept	0.32	0.28	0.49	-	-	-	-	
			Low-E PS/Air	2.2mm	Intercept	0.34	0.46	0.56	-	-	-	-	Intercept	0.35	0.41	0.50	-	-	-	-	
				3.0mm	Intercept	0.35	0.45	0.56	-	-	-	-	Intercept	0.36	0.40	0.50	-	-	-	-	
			Low-E PS/Argon	2.2mm	Intercept	0.30	0.45	0.56	N	-	-	-	Intercept	0.31	0.41	0.50	-	-	-	-	
				3.0mm	Intercept	0.31	0.45	0.56	-	-	-	-	Intercept	0.32	0.41	0.50	-	-	-	-	
			Low-E2+ PS/Air	2.2mm	Intercept	0.30	0.37	0.54	-	NC	-	-	Intercept	0.31	0.33	0.48	-	-	-	-	
				3.0mm	Intercept	0.30	0.36	0.54	-	NC	-	-	Intercept	0.31	0.33	0.48	-	-	-	-	
			Low-E2+ PS/Argon	2.2mm	Intercept	0.27	0.37	0.54	N	NC	-	-	Intercept	0.28	0.33	0.48	N	NC	-	-	
				3.0mm	Intercept	0.27	0.36	0.54	N	NC	-	-	Intercept	0.28	0.32	0.48	N	NC	-	-	
			Low-E SC/Air	2.2mm	Intercept	0.34	0.23	0.44	-	-	-	S	Intercept	0.35	0.20	0.39	-	-	-	S	
				3.0mm	Intercept	0.35	0.23	0.43	-	-	-	S	Intercept	0.36	0.21	0.39	-	-	-	S	
			Low-E SC/Argon	2.2mm	Intercept	0.30	0.22	0.44	-	NC	SC	S	Intercept	0.30	0.20	0.38	-	NC	SC	S	
				3.0mm	Intercept	0.30	0.22	0.43	-	NC	SC	S	Intercept	0.31	0.20	0.39	-	-	-	S	
	Double Hung Picture Insert Frame	SIL-N-55	Clear/Air	3.0mm	Intercept	0.46	0.66	0.69	-	-	-	-	Intercept	0.46	0.59	0.62	-	-	-	-	
				4.0mm	Intercept	0.46	0.64	0.69	-	-	-	-	Intercept	0.46	0.58	0.62	-	-	-	-	
			Low-E/Air	3.0mm	Intercept	0.31	0.33	0.59	-	-	-	-	Intercept	0.31	0.30	0.53	-	-	-	-	
				4.0mm	Intercept	0.31	0.33	0.59	-	-	-	-	Intercept	0.31	0.30	0.53	-	-	-	-	
			Low-E/Argon	3.0mm	Intercept	0.27	0.33	0.59	N	NC	-	-	Intercept	0.27	0.30	0.53	N	NC	-	-	
				4.0mm	Intercept	0.27	0.33	0.59	N	NC	-	-	Intercept	0.27	0.29	0.53	N	NC	-	-	
			Low-E PS/Air	3.0mm	Intercept	0.31	0.48	0.60	-	-	-	-	Intercept	0.31	0.43	0.54	-	-	-	-	
				4.0mm	Intercept	0.31	0.47	0.59	-	-	-	-	Intercept	0.31	0.42	0.53	-	-	-	-	
			Low-E PS/Argon	3.0mm	Intercept	0.27	0.48	0.60	N	-	-	-	Intercept	0.27	0.44	0.54	N	-	-	-	
				4.0mm	Intercept	0.27	0.47	0.59	N	-	-	-	Intercept	0.27	0.43	0.53	N	-	-	-	
			Low-E2+ PS/Air	3.0mm	Intercept	0.27	0.40	0.60	N	NC	-	-	Intercept	0.27	0.36	0.54	N	NC	-	-	
				4.0mm	Intercept	0.27	0.39	0.60	N	NC	-	-	Intercept	0.27	0.36	0.54	N	NC	-	-	
			Low-E2+ PS/Argon	3.0mm	Intercept	0.24	0.40	0.60	N	NC	-	-	Intercept	0.24	0.36	0.54	N	NC	-	-	
				4.0mm	Intercept	0.24	0.39	0.60	N	NC	-	-	Intercept	0.24	0.36	0.54	N	NC	-	-	
			Low-E SC/Air	3.0mm	Intercept	0.31	0.24	0.47	-	-	-	S	Intercept	0.31	0.22	0.42	-	-	-	S	
				4.0mm	Intercept	0.31	0.24	0.46	-	-	-	S	Intercept	0.31	0.22	0.42	-	-	-	S	
			Low-E SC/Argon	3.0mm	Intercept	0.27	0.24	0.47	N	NC	SC	S	Intercept	0.27	0.22	0.42	N	NC	SC	S	
				4.0mm	Intercept	0.27	0.24	0.46	N	NC	SC	S	Intercept	0.27	0.22	0.42	N	NC	SC	S	
	Double Hung Specialty Insert Frame	SIL-N-55	Clear/Air	3.0mm	SS	0.45	0.66	0.69	-	-	-	-	SS	0.45	0.59	0.62	-	-	-	-	
				4.0mm	SS	0.45	0.64	0.69	-	-	-	-	SS	0.46	0.58	0.62	-	-	-	-	
			Low-E/Air	3.0mm	SS	0.30	0.33	0.59	-	NC	-	-	SS	0.30	0.30	0.53	-	NC	-	-	
				4.0mm	SS	0.30	0.33	0.59	-	NC	-	-	SS	0.32	0.30	0.53	-	-	-	-	
			Low-E/Argon	3.0mm	SS	0.26	0.33	0.59	N	NC	-	-	SS	0.26	0.30	0.53	N	NC	-	-	
				4.0mm	SS	0.26	0.33	0.59	N	NC	-	-	SS	0.27	0.29	0.53	N	NC	-	-	
			Low-E PS/Air	3.0mm	SS	0.30	0.48	0.60	N	-	-	-	SS	0.30	0.43	0.54	N	-	-	-	
				4.0mm	SS	0.31	0.47	0.59	-	-	-	-	SS	0.32	0.42	0.53	-	-	-	-	
			Low-E PS/Argon	3.0mm	SS	0.26	0.48	0.60	N	-	-	-	SS	0.26	0.44	0.54	N	-	-	-	
				4.0mm	SS	0.26	0.47	0.59	N	-	-	-	SS	0.27	0.43	0.53	N	-	-	-	
			Low-E2+ PS/Air	3.0mm	SS	0.26	0.40	0.60	N	NC	-	-	SS	0.26	0.36	0.54	N	NC	-	-	
				4.0mm	SS	0.27	0.40	0.60	N	NC	-	-	SS	0.28	0.36	0.54	N	NC	-	-	
			Low-E2+ PS/Argon	3.0mm	SS	0.23	0.40	0.60	N	NC	-	-	SS	0.23	0.36	0.54	N	NC	-	-	
				4.0mm	SS	0.24	0.39	0.60	N	NC	-	-	SS	0.24	0.36	0.54	N	NC	-	-	
			Low-E SC/Air	3.0mm	SS	0.30	0.24	0.47	-	NC	SC	S	SS	0.30	0.22	0.42	-	NC	SC	S	
				4.0mm	SS	0.30	0.24	0.46	-	NC	SC	S	SS	0.31	0.22	0.42	-	-	-	S	
			Low-E SC/Argon	3.0mm	SS	0.26	0.24	0.47	N	NC	SC	S	SS	0.26	0.22	0.42	N	NC	SC	S	
4.0mm	SS	0.26		0.24	0.46	N	NC	SC	S	SS	0.27	0.22	0.42	N	NC	SC	S				
Single Hung Nailing Flange with J-Channel Frame	SIL-N-16	Low-E/Air	2.2mm	Intercept	0.34	0.31	0.55	-	-	-	-	Intercept	0.35	0.28	0.49	-	-	-	-		
			3.0mm	Intercept	0.34	0.31	0.55	-	-	-	-	Intercept	0.36	0.28	0.49	-	-	-	-		
		Low-E/Argon	2.2mm	Intercept	0.30	0.29	0.56	-	NC	-	-	Intercept	0.30	0.27	0.50	-	NC	-	-		
			3.0mm	Intercept	0.30	0.31	0.55	-	NC	-	-	Intercept	0.31	0.28	0.49	-	-	-	-		
		Low-E PS/Air	2.2mm	Intercept	0.34	0.46	0.56	-	-	-	-	Intercept	0.35	0.41	0.50	-	-	-	-		
			3.0mm	Intercept	0.35	0.45	0.56	-	-	-	-	Intercept	0.36	0.40	0.50	-	-	-	-		
		Low-E PS/Argon	2.2mm	Intercept	0.30	0.46	0.56	N	-	-	-	Intercept	0.30	0.41	0.51	-	-	-	-		
			2.2mm	Intercept*	0.29	0.46	0.56	N	-	-	-	Intercept*	0.30	0.41	0.50	-	-	-	-		
		Low-E2+ PS/Air	3.0mm	Intercept	0.30	0.45	0.56	N	-	-	-	Intercept	0.31	0.41	0.50	-	-	-	-		
			2.2mm	Intercept	0.29	0.37	0.55	N	NC	-	-	Intercept	0.30	0.33	0.49	-	NC	-	-		
		Low-E2+ PS/Argon	3.0mm	Intercept	0.30	0.36	0.54	-	NC	-	-	Intercept	0.31	0.33	0.48	-	-	-	-		
			2.2mm	Intercept	0.26	0.37	0.55	N	NC	-	-	Intercept	0.27	0.33	0.49	N	NC	-	-		
		Low-E SC/Air	3.0mm	Intercept	0.27	0.36	0.54	N	NC	-	-	Intercept	0.28	0.33	0.48	N	NC	-	-		
			2.2mm	Intercept	0.34	0.23	0.44	-	-	-	S	Intercept	0.35	0.21	0.39	-	-	-	S		
		Low-E SC/Argon	3.0mm	Intercept	0.34	0.23	0.44	-	-	-	S	Intercept	0.35	0.21	0.39	-	-	-	S		
			2.2mm	Intercept	0.30	0.22	0.44	-	NC	SC	S	Intercept	0.29	0.20	0.39	-	NC	SC	S		
					3.0mm	Intercept	0.30	0.22	0.44	-	NC	SC	S	Intercept	0.30	0.20	0.39	-	NC	SC	S

Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	No Grilles								With Grilles								
						U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0					
									North	NC	SC	South					North	NC	SC	South		
V1 Series	Single Hung Gliding Nailing Flange with J-channel Frame	SIL-N-15	Low-E/Air	2.2mm	Intercept	0.33	0.31	0.55	-	-	-	-	Intercept	0.33	0.28	0.49	-	-	-	-		
				3.0mm	Intercept	0.34	0.31	0.55	-	-	-	-	Intercept	0.35	0.28	0.49	-	-	-	-		
			Low-E/Argon	2.2mm	Intercept	0.30	0.31	0.55	-	NC	-	-	Intercept	0.30	0.28	0.49	-	NC	-	-		
				3.0mm	Intercept	0.30	0.31	0.55	-	NC	-	-	Intercept	0.31	0.28	0.49	-	-	-	-		
			Low-E PS/Air	2.2mm	Intercept	0.34	0.46	0.56	-	-	-	-	Intercept	0.34	0.41	0.50	-	-	-	-		
				3.0mm	Intercept	0.34	0.45	0.56	-	-	-	-	Intercept	0.35	0.40	0.50	-	-	-	-		
			Low-E PS/Argon	2.2mm	Intercept	0.30	0.46	0.56	N	-	-	-	Intercept	0.30	0.41	0.50	-	-	-	-		
				3.0mm	Intercept*	0.29	0.46	0.56	N	-	-	-	Intercept*	0.29	0.41	0.50	N	-	-	-		
			Low-E2+ PS/Air	2.2mm	Intercept	0.29	0.37	0.55	N	NC	-	-	Intercept	0.29	0.33	0.49	-	NC	-	-		
				3.0mm	Intercept	0.30	0.36	0.54	-	NC	-	-	Intercept	0.30	0.33	0.48	-	NC	-	-		
			Low-E2+ PS/Argon	2.2mm	Intercept	0.26	0.37	0.55	N	NC	-	-	Intercept	0.26	0.33	0.49	N	NC	-	-		
				3.0mm	Intercept	0.26	0.36	0.54	N	NC	-	-	Intercept	0.27	0.33	0.48	N	NC	-	-		
			Low-E SC/Air	2.2mm	Intercept	0.33	0.23	0.44	-	-	-	S	Intercept	0.33	0.20	0.39	-	-	-	S		
				3.0mm	Intercept	0.34	0.23	0.44	-	-	-	S	Intercept	0.35	0.21	0.39	-	-	-	S		
			Low-E SC/Argon	2.2mm	Intercept	0.29	0.22	0.44	-	NC	SC	S	Intercept	0.29	0.20	0.39	-	NC	SC	S		
				3.0mm	Intercept	0.30	0.22	0.44	-	NC	SC	S	Intercept	0.30	0.20	0.38	-	NC	SC	S		
			Single-Hung Picture Nailing Flange with J-channel Frame	SIL-N-17	Low-E/Air	3.0mm	Intercept	0.34	0.32	0.57	-	-	-	-	Intercept	0.35	0.29	0.51	-	-	-	-
						4.0mm	Intercept	0.36	0.32	0.57	-	-	-	-	Intercept	0.37	0.29	0.51	-	-	-	-
	Low-E/Argon	3.0mm			Intercept	0.29	0.32	0.57	-	NC	-	-	Intercept	0.30	0.29	0.51	-	NC	-	-		
		4.0mm			Intercept	0.31	0.32	0.57	-	-	-	-	Intercept	0.32	0.29	0.51	-	-	-	-		
	Low-E PS/Air	3.0mm			Intercept	0.34	0.47	0.58	-	-	-	-	Intercept	0.35	0.42	0.52	-	-	-	-		
		4.0mm			Intercept	0.36	0.46	0.57	-	-	-	-	Intercept	0.37	0.41	0.51	-	-	-	-		
	Low-E PS/Argon	3.0mm			Intercept	0.29	0.47	0.58	N	-	-	-	Intercept	0.31	0.42	0.52	-	-	-	-		
		3.0mm			Intercept*	0.29	0.47	0.58	N	-	-	-	Intercept*	0.30	0.42	0.52	N	-	-	-		
	Low-E2+ PS/Air	4.0mm			Intercept	0.31	0.46	0.57	-	-	-	-	Intercept	0.32	0.42	0.51	-	-	-	-		
		3.0mm			Intercept	0.29	0.38	0.56	N	NC	-	-	Intercept	0.30	0.34	0.50	-	NC	-	-		
	Low-E2+ PS/Argon	4.0mm			Intercept	0.30	0.37	0.56	-	NC	-	-	Intercept	0.32	0.34	0.50	-	-	-	-		
		3.0mm			Intercept	0.26	0.38	0.56	N	NC	-	-	Intercept	0.27	0.34	0.50	N	NC	-	-		
	Low-E SC/Air	4.0mm			Intercept	0.27	0.37	0.56	N	NC	-	-	Intercept	0.28	0.33	0.50	N	NC	-	-		
		3.0mm			Intercept	0.33	0.24	0.45	-	-	-	S	Intercept	0.35	0.21	0.40	-	-	-	S		
	Low-E SC/Argon	4.0mm			Intercept	0.35	0.24	0.45	-	-	-	S	Intercept	0.37	0.22	0.40	-	-	-	S		
		3.0mm			Intercept	0.29	0.23	0.45	-	NC	SC	S	Intercept	0.30	0.21	0.40	-	NC	SC	S		
	Low-E SC/Argon	4.0mm			Intercept	0.30	0.23	0.44	-	NC	SC	S	Intercept	0.32	0.21	0.40	-	-	-	S		
		Single-Hung Specialty Nailing Flange with J-channel Frame			SIL-N-17	Low-E/Air	3.0mm	SS	0.33	0.32	0.57	-	-	-	-	SS	0.34	0.29	0.51	-	-	-
	4.0mm		SS	0.35			0.32	0.57	-	-	-	-	SS	0.36	0.29	0.51	-	-	-	-		
	Low-E/Argon		3.0mm	SS		0.28	0.32	0.57	N	NC	-	-	SS	0.29	0.29	0.51	-	NC	-	-		
			4.0mm	SS		0.30	0.32	0.57	-	NC	-	-	SS	0.31	0.29	0.51	-	-	-	-		
	Low-E PS/Air		3.0mm	SS		0.33	0.47	0.58	-	-	-	-	SS	0.34	0.42	0.52	-	-	-	-		
			4.0mm	SS		0.35	0.46	0.57	-	-	-	-	SS	0.37	0.41	0.51	-	-	-	-		
	Low-E PS/Argon		3.0mm	SS		0.29	0.47	0.58	N	-	-	-	SS	0.30	0.42	0.52	N	-	-	-		
			4.0mm	SS		0.30	0.46	0.57	N	-	-	-	SS	0.31	0.42	0.51	-	-	-	-		
	Low-E2+ PS/Air		3.0mm	SS		0.28	0.38	0.56	N	NC	-	-	SS	0.29	0.34	0.50	-	NC	-	-		
			4.0mm	SS		0.30	0.37	0.56	-	NC	-	-	SS	0.31	0.34	0.50	-	-	-	-		
	Low-E2+ PS/Argon		3.0mm	SS		0.24	0.38	0.56	N	NC	-	-	SS	0.26	0.34	0.50	N	NC	-	-		
			4.0mm	SS		0.26	0.37	0.56	N	NC	-	-	SS	0.27	0.33	0.50	N	NC	-	-		
	Low-E SC/Air		3.0mm	SS		0.33	0.24	0.45	-	-	-	S	SS	0.34	0.21	0.40	-	-	-	S		
			4.0mm	SS		0.35	0.24	0.45	-	-	-	S	SS	0.36	0.22	0.40	-	-	-	S		
	Low-E SC/Argon		3.0mm	SS		0.28	0.23	0.45	-	NC	SC	S	SS	0.29	0.21	0.40	-	NC	SC	S		
			4.0mm	SS		0.30	0.23	0.45	-	NC	SC	S	SS	0.31	0.21	0.40	-	-	-	S		
	Single-Hung Insert or Nailing Flange Frame		SIL-N-3	Low-E/Air		2.2mm	Intercept	0.33	0.32	0.57	-	-	-	-	Intercept	0.33	0.29	0.51	-	-	-	-
						3.0mm	Intercept	0.34	0.32	0.56	-	-	-	-	Intercept	0.35	0.29	0.50	-	-	-	-
		Low-E/Argon		2.2mm	Intercept	0.29	0.31	0.57	-	NC	-	-	Intercept	0.29	0.28	0.51	-	NC	-	-		
				3.0mm	Intercept	0.30	0.31	0.56	-	NC	-	-	Intercept	0.31	0.28	0.50	-	-	-	-		
		Low-E PS/Air		2.2mm	Intercept	0.33	0.47	0.58	-	-	-	-	Intercept	0.33	0.42	0.51	-	-	-	-		
				3.0mm	Intercept	0.34	0.46	0.57	-	-	-	-	Intercept	0.35	0.42	0.51	-	-	-	-		
		Low-E PS/Argon		2.2mm	Intercept	0.30	0.47	0.58	N	-	-	-	Intercept	0.30	0.42	0.51	N	-	-	-		
				3.0mm	Intercept	0.30	0.47	0.57	N	-	-	-	Intercept	0.31	0.42	0.51	-	-	-	-		
		Low-E2+ PS/Air		2.2mm	Intercept	0.28	0.38	0.56	N	NC	-	-	Intercept	0.28	0.34	0.50	N	NC	-	-		
				3.0mm	Intercept	0.29	0.37	0.56	N	NC	-	-	Intercept	0.30	0.34	0.50	-	NC	-	-		
		Low-E2+ PS/Argon		2.2mm	Intercept	0.26	0.38	0.56	N	NC	-	-	Intercept	0.26	0.34	0.50	N	NC	-	-		
3.0mm				Intercept	0.26	0.37	0.56	N	NC	-	-	Intercept	0.27	0.33	0.50	N	NC	-	-			
Low-E SC/Air		2.2mm		Intercept	0.33	0.23	0.45	-	-	-	S	Intercept	0.33	0.21	0.40	-	-	-	S			
		3.0mm		Intercept	0.34	0.23	0.45	-	-	-	S	Intercept	0.35	0.21	0.40	-	-	-	S			
Low-E SC/Argon		2.2mm		Intercept	0.29	0.23	0.45	-	NC	SC	S	Intercept	0.29	0.21	0.40	-	NC	SC	S			
		3.0mm		Intercept	0.30	0.23	0.45	-	NC	SC	S	Intercept	0.31	0.21	0.40	-	-	-	S			

Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	No Grilles								With Grilles								
						U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0					
									North	NC	SC	South					North	NC	SC	South		
V1 Series	Single-Hung Gliding Insert or Nailing Flange Frame	SIL-N-21	Low-E/Air	2.2mm	Intercept	0.33	0.32	0.57	-	-	-	-	Intercept	0.33	0.29	0.51	-	-	-	-		
				3.0mm	Intercept	0.34	0.32	0.56	-	-	-	-	Intercept	0.35	0.29	0.50	-	-	-	-		
			Low-E/Argon	2.2mm	Intercept	0.29	0.31	0.57	-	NC	-	-	Intercept	0.29	0.28	0.51	-	NC	-	-		
				3.0mm	Intercept	0.30	0.31	0.56	-	NC	-	-	Intercept	0.30	0.27	0.50	-	NC	-	-		
			Low-E PS/Air	2.2mm	Intercept	0.33	0.47	0.58	-	-	-	-	Intercept	0.33	0.42	0.51	-	-	-	-		
				3.0mm	Intercept	0.34	0.46	0.57	-	-	-	-	Intercept	0.35	0.41	0.51	-	-	-	-		
			Low-E PS/Argon	2.2mm	Intercept	0.30	0.47	0.58	N	-	-	-	Intercept	0.30	0.42	0.51	N	-	-	-		
				3.0mm	Intercept	0.30	0.47	0.57	N	-	-	-	Intercept	0.31	0.42	0.51	-	-	-	-		
			Low-E2+ PS/Air	2.2mm	Intercept	0.29	0.38	0.56	N	NC	-	-	Intercept	0.29	0.34	0.50	-	NC	-	-		
				3.0mm	Intercept	0.29	0.37	0.56	N	NC	-	-	Intercept	0.30	0.34	0.50	-	NC	-	-		
			Low-E2+ PS/Argon	2.2mm	Intercept	0.26	0.37	0.56	N	NC	-	-	Intercept	0.26	0.34	0.50	N	NC	-	-		
				3.0mm	Intercept	0.26	0.37	0.56	N	NC	-	-	Intercept	0.27	0.33	0.50	N	NC	-	-		
			Low-E SC/Air	2.2mm	Intercept	0.33	0.23	0.45	-	-	-	-	Intercept	0.33	0.21	0.40	-	-	-	S		
				3.0mm	Intercept	0.34	0.23	0.45	-	-	-	-	Intercept	0.35	0.21	0.40	-	-	-	S		
			Low-E SC/Argon	2.2mm	Intercept	0.29	0.23	0.45	-	NC	SC	S	Intercept	0.29	0.21	0.40	-	NC	SC	S		
				3.0mm	Intercept	0.29	0.23	0.45	-	NC	SC	S	Intercept	0.30	0.21	0.40	-	NC	SC	S		
			Single-Hung Picture Insert or Nailing Flange Frame	SIL-N-20	Low-E/Air	3.0mm	Intercept	0.33	0.33	0.59	-	-	-	-	Intercept	0.35	0.30	0.53	-	-	-	-
						4.0mm	Intercept	0.35	0.33	0.58	-	-	-	-	Intercept	0.37	0.30	0.52	-	-	-	-
					Low-E/Argon	3.0mm	Intercept	0.29	0.33	0.59	-	NC	-	-	Intercept	0.30	0.30	0.53	-	NC	-	-
						4.0mm	Intercept	0.30	0.33	0.58	-	NC	-	-	Intercept	0.32	0.30	0.52	-	-	-	-
					Low-E PS/Air	3.0mm	Intercept	0.33	0.48	0.60	-	-	-	-	Intercept	0.35	0.43	0.53	-	-	-	-
						4.0mm	Intercept	0.36	0.47	0.59	-	-	-	-	Intercept	0.37	0.43	0.53	-	-	-	-
					Low-E PS/Argon	3.0mm	Intercept	0.29	0.48	0.60	N	-	-	-	Intercept	0.30	0.44	0.53	N	-	-	-
						4.0mm	Intercept*	0.29	0.48	0.60	N	-	-	-	Intercept*	0.30	0.44	0.53	N	-	-	-
	Low-E2+ PS/Air	4.0mm			Intercept	0.31	0.47	0.59	-	-	-	-	Intercept	0.32	0.43	0.53	-	-	-	-		
		3.0mm			Intercept	0.28	0.39	0.58	N	NC	-	-	Intercept	0.30	0.35	0.52	-	NC	-	-		
	Low-E2+ PS/Argon	4.0mm			Intercept	0.30	0.38	0.57	-	NC	-	-	Intercept	0.31	0.35	0.51	-	-	-	-		
		3.0mm			Intercept	0.25	0.39	0.58	N	NC	-	-	Intercept	0.26	0.35	0.52	N	NC	-	-		
	Low-E SC/Air	4.0mm			Intercept	0.26	0.38	0.57	N	NC	-	-	Intercept	0.28	0.35	0.51	N	NC	-	-		
		3.0mm			Intercept	0.33	0.24	0.47	-	-	-	S	Intercept	0.35	0.22	0.42	-	-	-	S		
	Low-E SC/Argon	4.0mm			Intercept	0.35	0.24	0.46	-	-	-	S	Intercept	0.37	0.22	0.41	-	-	-	S		
		3.0mm			Intercept	0.29	0.24	0.47	-	NC	SC	S	Intercept	0.30	0.22	0.42	-	NC	SC	S		
		4.0mm			Intercept	0.30	0.24	0.46	-	NC	SC	S	Intercept	0.32	0.22	0.41	-	-	-	S		
	Single-Hung Insert or Nailing Flange Frame Specialty	SIL-N-20	Low-E/Air	3.0mm	SS	0.32	0.33	0.59	-	-	-	-	SS	0.34	0.30	0.53	-	-	-	-		
				4.0mm	SS	0.34	0.33	0.58	-	-	-	-	SS	0.36	0.30	0.52	-	-	-	-		
			Low-E/Argon	3.0mm	SS	0.28	0.33	0.59	N	NC	-	-	SS	0.29	0.30	0.53	-	NC	-	-		
				4.0mm	SS	0.29	0.33	0.58	-	NC	-	-	SS	0.31	0.30	0.52	-	-	-	-		
			Low-E PS/Air	3.0mm	SS	0.33	0.48	0.60	-	-	-	-	SS	0.34	0.43	0.53	-	-	-	-		
				4.0mm	SS	0.35	0.47	0.59	-	-	-	-	SS	0.37	0.43	0.53	-	-	-	-		
			Low-E PS/Argon	3.0mm	SS	0.28	0.48	0.60	N	-	-	-	SS	0.29	0.44	0.53	N	-	-	-		
				4.0mm	SS	0.30	0.47	0.59	N	-	-	-	SS	0.31	0.43	0.53	-	-	-	-		
			Low-E2+ PS/Air	4.0mm	SS*	0.29	0.47	0.59	N	-	-	-	SS*	0.30	0.42	0.53	N	-	-	-		
				3.0mm	SS	0.28	0.39	0.58	N	NC	-	-	SS	0.29	0.35	0.52	-	NC	-	-		
			Low-E2+ PS/Argon	4.0mm	SS	0.29	0.38	0.57	N	NC	-	-	SS	0.31	0.35	0.51	-	-	-	-		
				3.0mm	SS	0.24	0.39	0.58	N	NC	-	-	SS	0.25	0.35	0.52	N	NC	-	-		
			Low-E SC/Air	4.0mm	SS	0.26	0.38	0.57	N	NC	-	-	SS	0.27	0.35	0.51	N	NC	-	-		
				3.0mm	SS	0.32	0.24	0.47	-	-	-	S	SS	0.34	0.22	0.42	-	-	-	S		
			Low-E SC/Argon	4.0mm	SS	0.34	0.24	0.46	-	-	-	S	SS	0.36	0.22	0.41	-	-	-	S		
				3.0mm	SS	0.28	0.24	0.47	-	NC	SC	S	SS	0.29	0.22	0.42	-	NC	SC	S		
				4.0mm	SS	0.29	0.24	0.46	-	NC	SC	S	SS	0.31	0.22	0.41	-	-	-	S		
	Single-Hung Masonry Flange Frame	SIL-N-3	Clear/Air	3.0mm	Intercept	0.48	0.64	0.66	-	-	-	-	Intercept	0.49	0.57	0.59	-	-	-	-		
			Low-E/Air	3.0mm	Intercept	0.34	0.32	0.56	-	-	-	-	Intercept	0.35	0.29	0.50	-	-	-	-		
			Low-E/Argon	3.0mm	Intercept	0.30	0.31	0.56	-	NC	-	-	Intercept	0.31	0.28	0.50	-	-	-	-		
			Low-E PS/Air	3.0mm	Intercept	0.34	0.46	0.57	-	-	-	-	Intercept	0.35	0.42	0.51	-	-	-	-		
			Low-E PS/Argon	3.0mm	Intercept	0.30	0.47	0.57	N	-	-	-	Intercept	0.31	0.42	0.51	-	-	-	-		
			Low-E2+ PS/Air	3.0mm	Intercept	0.29	0.37	0.56	N	NC	-	-	Intercept	0.30	0.34	0.50	-	NC	-	-		
			Low-E2+ PS/Argon	3.0mm	Intercept	0.26	0.37	0.56	N	NC	-	-	Intercept	0.27	0.33	0.50	N	NC	-	-		
			Low-E SC/Air	3.0mm	Intercept	0.34	0.23	0.45	-	-	-	S	Intercept	0.35	0.21	0.40	-	-	-	S		
	Single-Hung HVHZ Upgrade Masonry Flange or Nailing Flange Frame	SIL-N-3	Low-E SC/Argon	3.0mm	Intercept	0.30	0.23	0.45	-	NC	SC	S	Intercept	0.31	0.21	0.40	-	-	-	S		
			Clear/Air	3.0mm	Intercept	0.49	0.63	0.66	-	-	-	-	Intercept	0.49	0.57	0.59	-	-	-	-		
			Low-E/Air	3.0mm	Intercept	0.34	0.32	0.56	-	-	-	-	Intercept	0.36	0.28	0.50	-	-	-	-		
			Low-E/Argon	3.0mm	Intercept	0.30	0.31	0.56	-	NC	-	-	Intercept	0.31	0.28	0.50	-	-	-	-		

						No Grilles								With Grilles							
Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				
									North	NC	SC	South					North	NC	SC	South	
V1 Series	Single-Hung Picture Standard or HVHZ Upgrade Masonry Flange Frame	SIL-N-20	Clear/Air	3.0mm	Intercept	0.48	0.66	0.69	-	-	-	-	Intercept	0.49	0.60	0.62	-	-	-	-	
				4.0mm	Intercept	0.49	0.65	0.68	-	-	-	-	Intercept	0.50	0.59	0.61	-	-	-	-	
			Low-E/Air	3.0mm	Intercept	0.33	0.33	0.59	-	-	-	-	Intercept	0.35	0.30	0.53	-	-	-	-	
				4.0mm	Intercept	0.35	0.33	0.58	-	-	-	-	Intercept	0.37	0.30	0.52	-	-	-	-	
			Low-E/Argon	3.0mm	Intercept	0.29	0.33	0.59	-	NC	-	-	Intercept	0.30	0.30	0.53	-	NC	-	-	
				4.0mm	Intercept	0.30	0.33	0.58	-	NC	-	-	Intercept	0.32	0.30	0.52	-	-	-	-	
			Low-E PS/Air	3.0mm	Intercept	0.33	0.48	0.60	-	-	-	-	Intercept	0.35	0.43	0.53	-	-	-	-	
				4.0mm	Intercept	0.36	0.47	0.59	-	-	-	-	Intercept	0.37	0.43	0.53	-	-	-	-	
			Low-E PS/Argon	3.0mm	Intercept	0.29	0.48	0.60	N	-	-	-	Intercept	0.30	0.44	0.53	N	-	-	-	
				4.0mm	Intercept	0.31	0.47	0.59	-	-	-	-	Intercept	0.32	0.43	0.53	-	-	-	-	
			Low-E2+ PS/Air	3.0mm	Intercept	0.28	0.39	0.58	N	NC	-	-	Intercept	0.30	0.35	0.52	-	NC	-	-	
				4.0mm	Intercept	0.30	0.38	0.57	-	NC	-	-	Intercept	0.31	0.35	0.51	-	-	-	-	
		Low-E2+ PS/Argon	3.0mm	Intercept	0.25	0.39	0.58	N	NC	-	-	Intercept	0.26	0.35	0.52	N	NC	-	-		
			4.0mm	Intercept	0.26	0.38	0.57	N	NC	-	-	Intercept	0.28	0.35	0.51	N	NC	-	-		
		Low-E SC/Air	3.0mm	Intercept	0.33	0.24	0.47	-	-	-	S	Intercept	0.35	0.22	0.42	-	-	-	S		
			4.0mm	Intercept	0.35	0.24	0.46	-	-	-	S	Intercept	0.37	0.22	0.41	-	-	-	S		
		Low-E SC/Argon	3.0mm	Intercept	0.29	0.24	0.47	-	NC	SC	S	Intercept	0.30	0.22	0.42	-	NC	SC	S		
			4.0mm	Intercept	0.30	0.24	0.46	-	NC	SC	S	Intercept	0.32	0.22	0.41	-	-	-	S		
		Single-Hung Specialty Standard or HVHZ Upgrade Masonry Flange Frame	SIL-N-20	Clear/Air	3.0mm	SS	0.47	0.66	0.69	-	-	-	-	SS	0.48	0.60	0.62	-	-	-	-
					4.0mm	SS	0.48	0.65	0.68	-	-	-	-	SS	0.49	0.59	0.61	-	-	-	-
				Low-E/Air	3.0mm	SS	0.32	0.33	0.59	-	-	-	-	SS	0.34	0.30	0.53	-	-	-	-
					4.0mm	SS	0.34	0.33	0.58	-	-	-	-	SS	0.36	0.30	0.52	-	-	-	-
				Low-E/Argon	3.0mm	SS	0.28	0.33	0.59	N	NC	-	-	SS	0.29	0.30	0.53	-	NC	-	-
					4.0mm	SS	0.29	0.33	0.58	-	NC	-	-	SS	0.31	0.30	0.52	-	-	-	-
	Low-E PS/Air			3.0mm	SS	0.33	0.48	0.60	-	-	-	-	SS	0.34	0.43	0.53	-	-	-	-	
				4.0mm	SS	0.35	0.47	0.59	-	-	-	-	SS	0.37	0.43	0.53	-	-	-	-	
	Low-E PS/Argon			3.0mm	SS	0.28	0.48	0.60	N	-	-	-	SS	0.29	0.44	0.53	N	-	-	-	
				4.0mm	SS	0.30	0.47	0.59	N	-	-	-	SS	0.31	0.43	0.53	-	-	-	-	
	Low-E2+ PS/Air			3.0mm	SS	0.28	0.39	0.58	N	NC	-	-	SS	0.29	0.35	0.52	-	NC	-	-	
				4.0mm	SS	0.29	0.38	0.57	N	NC	-	-	SS	0.31	0.35	0.51	-	-	-	-	
	Low-E2+ PS/Argon	3.0mm	SS	0.24	0.39	0.58	N	NC	-	-	SS	0.25	0.35	0.52	N	NC	-	-			
		4.0mm	SS	0.26	0.38	0.57	N	NC	-	-	SS	0.27	0.35	0.51	N	NC	-	-			
	Low-E SC/Air	3.0mm	SS	0.32	0.24	0.47	-	-	-	S	SS	0.34	0.22	0.42	-	-	-	S			
		4.0mm	SS	0.34	0.24	0.46	-	-	-	S	SS	0.36	0.22	0.41	-	-	-	S			
	Low-E SC/Argon	3.0mm	SS	0.28	0.24	0.47	-	NC	SC	S	SS	0.29	0.22	0.42	-	NC	SC	S			
		4.0mm	SS	0.29	0.24	0.46	-	NC	SC	S	SS	0.31	0.22	0.41	-	-	-	S			
	Hopper Insert Frame	SIL-N-14	Clear/Air	2.2mm	Intercept	0.48	0.55	0.56	-	-	-	-	Intercept	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.47	0.54	0.56	-	-	-	-	Intercept	-	-	-	-	-	-	-	
			Low-E/Air	2.2mm	Intercept	0.36	0.27	0.48	-	-	-	-	Intercept	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.35	0.27	0.47	-	-	-	-	Intercept	-	-	-	-	-	-	-	
			Low-E/Argon	2.2mm	Intercept	0.32	0.27	0.48	-	-	-	-	Intercept	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.32	0.27	0.47	-	-	-	-	Intercept	-	-	-	-	-	-	-	
			Low-E PS/Air	2.2mm	Intercept	0.36	0.40	0.48	-	-	-	-	Intercept	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.35	0.40	0.48	-	-	-	-	Intercept	-	-	-	-	-	-	-	
			Low-E PS/Argon	2.2mm	Intercept	0.33	0.40	0.48	-	-	-	-	Intercept	-	-	-	-	-	-	-	
				3.0mm	Intercept	0.32	0.40	0.48	-	-	-	-	Intercept	-	-	-	-	-	-	-	
	Gliding Patio Door Insert Frame	SIL-N-60	Clear/Air	3.0mm Temp	Intercept	0.47	0.64	0.66	-	-	-	-	Intercept	0.47	0.56	0.58	-	-	-	-	
				4.0mm Temp	Intercept	0.47	0.63	0.66	-	-	-	-	Intercept	0.47	0.55	0.58	-	-	-	-	
			Low-E/Air	3.0mm Temp	Intercept	0.33	0.32	0.57	-	-	-	-	Intercept	0.33	0.28	0.50	-	-	-	-	
				4.0mm Temp	Intercept	0.33	0.32	0.56	-	-	-	-	Intercept	0.33	0.28	0.49	-	-	-	-	
			Low-E/Argon	3.0mm Temp	Intercept	0.29	0.31	0.57	N	NC	-	-	Intercept	0.29	0.28	0.50	N	NC	-	-	
				4.0mm Temp	Intercept	0.29	0.31	0.56	N	NC	-	-	Intercept	0.29	0.28	0.49	N	NC	-	-	
			Low-E PS/Air	3.0mm Temp	Intercept	0.33	0.46	0.58	-	-	-	-	Intercept	0.33	0.41	0.50	-	-	-	-	
				4.0mm Temp	Intercept	0.33	0.46	0.57	-	-	-	-	Intercept	0.33	0.40	0.50	-	-	-	-	
			Low-E PS/Argon	3.0mm Temp	Intercept	0.29	0.47	0.58	-	-	-	-	Intercept	0.29	0.41	0.50	-	-	-	-	
				4.0mm Temp	Intercept	0.29	0.46	0.57	-	-	-	-	Intercept	0.29	0.41	0.50	-	-	-	-	
			Low-E2+ PS/Air	3.0mm Temp	Intercept	0.28	0.37	0.56	N	NC	-	-	Intercept	0.28	0.33	0.49	N	NC	-	-	
				4.0mm Temp	Intercept	0.28	0.37	0.55	N	NC	-	-	Intercept	0.28	0.33	0.49	N	NC	-	-	
			Low-E2+ PS/Argon	3.0mm Temp	Intercept	0.25	0.37	0.56	N	NC	-	-	Intercept	0.25	0.33	0.49	N	NC	-	-	
				4.0mm Temp	Intercept	0.25	0.37	0.55	N	NC	-	-	Intercept	0.25	0.33	0.49	N	NC	-	-	
			Low-E SC/Air	3.0mm Temp	Intercept	0.32	0.23	0.45	-	-	-	-	Intercept	0.32	0.21	0.39	-	-	-	-	
				4.0mm Temp	Intercept	0.33	0.23	0.45	-	-	-	-	Intercept	0.33	0.21	0.39	-	-	-	-	
			Low-E SC/Argon	3.0mm Temp	Intercept	0.29	0.23	0.45	N	NC	SC	S	Intercept	0.29	0.20	0.39	N	NC	SC	S	
				4.0mm Temp	Intercept	0.29	0.23	0.45	N	NC	SC	S	Intercept	0.29	0.20	0.39	N	NC	SC	S	

						No Grilles							With Grilles							
Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0			
									North	NC	SC	South					North	NC	SC	South
V1 Series	Gliding Patio Door Blinds-Between-the-Glass Insert Frame	SIL-N-60	Low-E/Air	3.0mm Temp	Intercept	0.36	0.28	0.51	-	-	-	-	Intercept	-	-	-	-	-	-	-
	Gliding Patio Door PG50 HVHZ Upgrade Insert Frame	SIL-N-60	Clear/Air	3.0mm Temp	Intercept	0.47	0.64	0.66	-	-	-	-	Intercept	0.47	0.56	0.58	-	-	-	-
				4.0mm Temp	Intercept	0.48	0.63	0.66	-	-	-	-	Intercept	0.48	0.55	0.58	-	-	-	-
			Low-E/Air	3.0mm Temp	Intercept	0.33	0.32	0.57	-	-	-	-	Intercept	0.33	0.28	0.50	-	-	-	-
				4.0mm Temp	Intercept	0.34	0.32	0.56	-	-	-	-	Intercept	0.34	0.28	0.49	-	-	-	-
			Low-E/Argon	3.0mm Temp	Intercept	0.29	0.31	0.57	N	NC	-	-	Intercept	0.29	0.28	0.50	N	NC	-	-
				4.0mm Temp	Intercept	0.29	0.31	0.56	N	NC	-	-	Intercept	0.29	0.28	0.49	N	NC	-	-
			Low-E PS/Air	3.0mm Temp	Intercept	0.33	0.46	0.58	-	-	-	-	Intercept	0.33	0.41	0.50	-	-	-	-
				4.0mm Temp	Intercept	0.34	0.46	0.57	-	-	-	-	Intercept	0.34	0.40	0.50	-	-	-	-
			Low-E PS/Argon	3.0mm Temp	Intercept	0.30	0.47	0.58	-	-	-	-	Intercept	0.30	0.41	0.50	-	-	-	-
				4.0mm Temp	Intercept	0.30	0.46	0.57	-	-	-	-	Intercept	0.30	0.41	0.50	-	-	-	-
			Low-E2+ PS/Air	3.0mm Temp	Intercept	0.28	0.37	0.56	N	NC	-	-	Intercept	0.28	0.33	0.49	N	NC	-	-
				4.0mm Temp	Intercept	0.29	0.37	0.55	N	NC	-	-	Intercept	0.29	0.33	0.49	N	NC	-	-
			Low-E2+ PS/Argon	3.0mm Temp	Intercept	0.26	0.37	0.56	N	NC	-	-	Intercept	0.26	0.33	0.49	N	NC	-	-
				4.0mm Temp	Intercept	0.26	0.37	0.55	N	NC	-	-	Intercept	0.26	0.33	0.49	N	NC	-	-
			Low-E SC/Air	3.0mm Temp	Intercept	0.33	0.23	0.45	-	-	-	-	Intercept	0.33	0.21	0.39	-	-	-	-
				4.0mm Temp	Intercept	0.33	0.23	0.45	-	-	-	-	Intercept	0.33	0.21	0.39	-	-	-	-
			Low-E SC/Argon	3.0mm Temp	Intercept	0.29	0.23	0.45	N	NC	SC	S	Intercept	0.29	0.20	0.39	N	NC	SC	S
				4.0mm Temp	Intercept	0.29	0.23	0.45	N	NC	SC	S	Intercept	0.29	0.20	0.39	N	NC	SC	S
	Gliding Patio Door Blinds-Between-the-Glass PG50 HVHZ Upgrade Insert Frame	SIL-N-60	Low-E/Air	3.0mm Temp	Intercept	0.36	0.28	0.51	-	-	-	-	Intercept	-	-	-	-	-	-	-
	Gliding Patio Door Sidelight Insert Frame	SIL-N-63	Clear/Air	3.0mm Temp	Intercept	0.45	0.61	0.64	-	-	-	-	Intercept	0.45	0.55	0.57	-	-	-	-
				4.0mm Temp	Intercept	0.46	0.59	0.64	-	-	-	-	Intercept	0.46	0.53	0.57	-	-	-	-
			Low-E/Air	3.0mm Temp	Intercept	0.32	0.29	0.54	-	-	-	-	Intercept	0.32	0.26	0.48	-	-	-	-
				4.0mm Temp	Intercept	0.32	0.29	0.54	-	-	-	-	Intercept	0.32	0.26	0.48	-	-	-	-
			Low-E/Argon	3.0mm Temp	Intercept	0.28	0.29	0.54	-	NC	-	-	Intercept	0.28	0.26	0.48	-	NC	-	-
				4.0mm Temp	Intercept	0.28	0.28	0.54	-	NC	-	-	Intercept	0.28	0.26	0.48	-	NC	-	-
			Low-E PS/Air	3.0mm Temp	Intercept	0.32	0.44	0.55	-	-	-	-	Intercept	0.32	0.40	0.49	-	-	-	-
				4.0mm Temp	Intercept	0.32	0.44	0.55	-	-	-	-	Intercept	0.32	0.39	0.49	-	-	-	-
			Low-E PS/Argon	3.0mm Temp	Intercept	0.29	0.45	0.55	N	-	-	-	Intercept	0.29	0.40	0.49	N	NC	-	-
				4.0mm Temp	Intercept	0.29	0.44	0.55	N	-	-	-	Intercept	0.29	0.39	0.49	N	NC	-	-
			Low-E2+ PS/Air	3.0mm Temp	Intercept	0.28	0.37	0.56	N	NC	-	-	Intercept	0.28	0.33	0.50	N	NC	-	-
				4.0mm Temp	Intercept	0.29	0.37	0.55	N	NC	-	-	Intercept	0.29	0.33	0.49	-	NC	-	-
			Low-E2+ PS/Argon	3.0mm Temp	Intercept	0.26	0.37	0.56	N	NC	-	-	Intercept	0.26	0.33	0.50	N	NC	-	-
				4.0mm Temp	Intercept	0.26	0.36	0.55	N	NC	-	-	Intercept	0.26	0.33	0.49	N	NC	-	-
			Low-E SC/Air	3.0mm Temp	Intercept	0.32	0.22	0.43	-	-	-	S	Intercept	0.32	0.20	0.38	-	-	-	S
				4.0mm Temp	Intercept	0.32	0.22	0.42	-	-	-	S	Intercept	0.32	0.20	0.38	-	-	-	S
			Low-E SC/Argon	3.0mm Temp	Intercept	0.28	0.22	0.43	-	NC	SC	S	Intercept	0.28	0.20	0.38	-	NC	SC	S
				4.0mm Temp	Intercept	0.28	0.22	0.42	-	NC	SC	S	Intercept	0.28	0.20	0.38	-	NC	SC	S
	Gliding Patio Door Transom Insert Frame	SIL-N-64	Clear/Air	3.0mm Temp	Intercept	0.45	0.62	0.65	-	-	-	-	Intercept	0.45	0.55	0.58	-	-	-	-
				4.0mm Temp	Intercept	0.46	0.60	0.64	-	-	-	-	Intercept	0.46	0.54	0.57	-	-	-	-
			Low-E/Air	3.0mm Temp	Intercept	0.32	0.31	0.55	-	-	-	-	Intercept	0.32	0.28	0.49	-	-	-	-
				4.0mm Temp	Intercept	0.32	0.31	0.55	-	-	-	-	Intercept	0.32	0.28	0.49	-	-	-	-
			Low-E/Argon	3.0mm Temp	Intercept	0.28	0.31	0.55	-	NC	-	-	Intercept	0.28	0.28	0.49	-	NC	-	-
				4.0mm Temp	Intercept	0.28	0.30	0.55	-	NC	-	-	Intercept	0.28	0.27	0.49	-	NC	-	-
			Low-E PS/Air	3.0mm Temp	Intercept	0.32	0.45	0.56	-	-	-	-	Intercept	0.32	0.40	0.50	-	-	-	-
				4.0mm Temp	Intercept	0.32	0.44	0.55	-	-	-	-	Intercept	0.32	0.40	0.50	-	-	-	-
			Low-E PS/Argon	3.0mm Temp	Intercept	0.28	0.45	0.56	N	-	-	-	Intercept	0.28	0.41	0.50	N	-	-	-
				4.0mm Temp	Intercept	0.28	0.44	0.55	N	-	-	-	Intercept	0.28	0.40	0.50	N	NC	-	-
			Low-E2+ PS/Air	3.0mm Temp	Intercept	0.28	0.37	0.56	N	NC	-	-	Intercept	0.28	0.34	0.50	N	NC	-	-
				4.0mm Temp	Intercept	0.28	0.37	0.56	N	NC	-	-	Intercept	0.28	0.33	0.50	N	NC	-	-
			Low-E2+ PS/Argon	3.0mm Temp	Intercept	0.25	0.37	0.56	N	NC	-	-	Intercept	0.25	0.34	0.50	N	NC	-	-
				4.0mm Temp	Intercept	0.25	0.37	0.56	N	NC	-	-	Intercept	0.25	0.33	0.50	N	NC	-	-
			Low-E SC/Air	3.0mm Temp	Intercept	0.31	0.23	0.44	-	-	-	S	Intercept	0.31	0.20	0.39	-	-	-	S
				4.0mm Temp	Intercept	0.32	0.23	0.43	-	-	-	S	Intercept	0.32	0.21	0.39	-	-	-	S
			Low-E SC/Argon	3.0mm Temp	Intercept	0.28	0.22	0.44	-	NC	SC	S	Intercept	0.28	0.20	0.39	-	NC	SC	S
				4.0mm Temp	Intercept	0.28	0.22	0.43	-	NC	SC	S	Intercept	0.28	0.20	0.39	-	NC	SC	S

						No Grilles								With Grilles							
Silver Line Product Series	Silver Line Product Type	NFRC Certified Products Directory Number	Glass Type/ Infill	Glass Thickness	Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				Spacer	U-Factor ¹	SHGC ²	VLT ³	U.S. ENERGY STAR v 6.0				
									North	NC	SC	South					North	NC	SC	South	
V1 Series w/Coastal Watch Protection	Single-Hung HVHZ Masonry Flange or Nailing Flange Frame	SIL-N-3	Low-E/Air	Lami/3.0mm	Intercept	0.39	0.31	0.55	-	-	-	-	Intercept	0.42	0.28	0.49	-	-	-	-	
			Low-E/Argon	Lami/3.0mm	Intercept	0.34	0.31	0.55	-	-	-	-	Intercept	0.36	0.28	0.49	-	-	-	-	
			Low-E SC/Air	Lami/3.0mm	Intercept	0.39	0.23	0.44	-	-	-	S	Intercept	0.41	0.21	0.39	-	-	-	-	
			Low-E SC/Argon	Lami/3.0mm	Intercept	0.34	0.23	0.44	-	-	-	S	Intercept	0.36	0.21	0.39	-	-	-	S	
	Single-Hung Picture HVHZ Masonry Flange or Nailing Flange Frame	SIL-N-59	Low-E/Air	Lami/3.0mm	SS	0.38	0.33	0.57	-	-	-	-	SS	0.42	0.29	0.51	-	-	-	-	
			Low-E/Argon	Lami/3.0mm	SS	0.33	0.32	0.57	-	-	-	-	SS	0.36	0.29	0.51	-	-	-	-	
			Low-E SC/Air	Lami/3.0mm	SS	0.38	0.24	0.45	-	-	-	S	SS	0.42	0.22	0.40	-	-	-	-	
			Low-E SC/Argon	Lami/3.0mm	SS	0.33	0.24	0.45	-	-	-	S	SS	0.36	0.22	0.40	-	-	-	S	
	Single-Hung Specialty HVHZ Masonry Flange or Nailing Flange Frame	SIL-N-59	Low-E/Air	Lami/3.0mm	SS	0.38	0.33	0.57	-	-	-	-	SS	0.42	0.29	0.51	-	-	-	-	
			Low-E/Argon	Lami/3.0mm	SS	0.33	0.32	0.57	-	-	-	-	SS	0.36	0.29	0.51	-	-	-	-	
			Low-E SC/Air	Lami/3.0mm	SS	0.38	0.24	0.45	-	-	-	S	SS	0.42	0.22	0.40	-	-	-	-	
			Low-E SC/Argon	Lami/3.0mm	SS	0.33	0.24	0.45	-	-	-	S	SS	0.36	0.22	0.40	-	-	-	S	

This data is accurate as of April 26, 2021. Due to ongoing product changes, updated test results or new industry standards or requirements, this data may change over time. Check the product labels to confirm NFRC values. Ratings are for sizes specified by NFRC for testing/certification. Ratings may vary depending on use of tempered glass, different grille options, glass for high altitude areas, etc.

- 1) U-Factor defines the amount of heat loss through the total unit in BTU/hr/ft².°F. The lower the value, the less heat is lost through the entire product. Window values represent non-tempered glass unless otherwise noted. Use of tempered glass can increase U-Factor ratings. Door values represent tempered glass.
- 2) Solar Heat Gain Coefficient (SHGC) defines the fraction of solar radiation admitted through the glass both directly transmitted and absorbed and subsequently released inward. The lower the value, the less heat is transmitted through the product.
- 3) Visible Light Transmittance (VLT) measures how much light comes through a product (glass and frame). The higher the value, from 0 to 1, the more daylight the product lets in over the product's total unit area. Visible Light Transmittance is measured over the 380 to 760 nanometer portion of the solar spectrum.

NFRC ratings are based on modeling by a third party agency as validated by an independent test lab in compliance with NFRC program and procedural requirements.

* Optional foam in frame included.

** Available for select patio door sizes. Data based on blinds in full open position.