

With Grids

Glazing	Gas	Spacer System	IG Thickness	U-Factor		R-Value		Visible Transmittance		Solar Heat Gain Coefficient		UV Block
				Total Unit	Center of Glass	Total Unit	Center of Glass	Total Unit	Center of Glass	Total Unit	Center of Glass	Center of Glass
Clear/Clear	Air	Intercept Spacer	0.75	0.49	0.49	2.04	2.04	0.52	0.81	0.49	0.75	0.42
Low-E 270/Clear	Air	Intercept Spacer	0.75	0.37	0.3	2.7	3.33	0.45	0.7	0.25	0.37	0.85
Low-E 366/Clear	Air	Intercept Spacer	0.75	0.37	0.3	2.7	3.33	0.41	0.64	0.18	0.27	0.84
TiAC36/Clear	Air	Intercept Spacer	0.75	0.37	0.3	2.7	3.33	0.44	0.68	0.24	0.36	0.62
Low-E 270/Clear	Argon	Intercept Spacer	0.75	0.34	0.26	2.94	3.85	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270	Argon	Intercept Spacer	0.75	0.32	0.25	3.13	4	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear	Argon	Intercept Spacer	0.75	0.33	0.25	3.03	4	0.41	0.64	0.18	0.27	0.84
Low-E 366/Low E 366	Argon	Intercept Spacer	0.75	0.32	0.25	3.13	4	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear	Argon	Intercept Spacer	0.75	0.33	0.26	3.03	3.85	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36	Argon	Intercept Spacer	0.75	0.32	0.25	3.13	4	0.36	0.56	0.22	0.33	0.9
Low-E 270/Clear	Krypton	Intercept Spacer	0.75	0.32	0.23	3.13	4.35	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270	Krypton	Intercept Spacer	0.75	0.31	0.23	3.23	4.35	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear	Krypton	Intercept Spacer	0.75	0.31	0.23	3.23	4.35	0.42	0.65	0.18	0.27	0.84
Low-E 366/Low E 366	Krypton	Intercept Spacer	0.75	0.3	0.22	3.33	4.55	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear	Krypton	Intercept Spacer	0.75	0.32	0.23	3.13	4.35	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36	Krypton	Intercept Spacer	0.75	0.31	0.23	3.23	4.35	0.36	0.56	0.22	0.33	0.9
Clear/Clear	Air	Super Spacer	0.75	0.48	0.49	2.08	2.04	0.52	0.81	0.49	0.75	0.42
Low-E 270/Clear	Air	Super Spacer	0.75	0.36	0.3	2.78	3.33	0.45	0.7	0.25	0.37	0.85
Low-E 366/Clear	Air	Super Spacer	0.75	0.36	0.3	2.78	3.33	0.41	0.64	0.18	0.27	0.84
TiAC36/Clear	Air	Super Spacer	0.75	0.36	0.3	2.78	3.33	0.44	0.68	0.24	0.36	0.62
Low-E 270/Clear	Argon	Super Spacer	0.75	0.33	0.26	3.03	3.85	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270	Argon	Super Spacer	0.75	0.32	0.25	3.13	4	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear	Argon	Super Spacer	0.75	0.32	0.25	3.13	4	0.41	0.64	0.18	0.27	0.84
Low-E 366/Low E 366	Argon	Super Spacer	0.75	0.31	0.25	3.23	4	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear	Argon	Super Spacer	0.75	0.33	0.26	3.03	3.85	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36	Argon	Super Spacer	0.75	0.32	0.25	3.13	4	0.36	0.56	0.22	0.33	0.9
Low-E 270/Clear	Krypton	Super Spacer	0.75	0.31	0.23	3.23	4.35	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270	Krypton	Super Spacer	0.75	0.3	0.23	3.33	4.35	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear	Krypton	Super Spacer	0.75	0.31	0.23	3.23	4.35	0.42	0.65	0.18	0.27	0.84
Low-E 366/Low E 366	Krypton	Super Spacer	0.75	0.3	0.22	3.33	4.55	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear	Krypton	Super Spacer	0.75	0.31	0.23	3.23	4.35	0.44	0.68	0.24	0.36	0.85

TiAC36/TiAC36	Krypton	Super Spacer	0.75	0.3	0.23	3.33	4.35	0.36	0.56	0.22	0.33	0.9
Clear/Clear (3/16)	Air	Intercept Spacer	0.75	0.52	0.49	1.92	2.04	0.52	0.81	0.49	0.75	0.42
Low-E 270/Clear (3/16)	Air	Intercept Spacer	0.75	0.41	0.3	2.44	3.33	0.45	0.7	0.25	0.37	0.85
Low-E 366/Clear (3/16)	Air	Intercept Spacer	0.75	0.41	0.3	2.44	3.33	0.41	0.64	0.18	0.27	0.84
TiAC36/Clear (3/16)	Air	Intercept Spacer	0.75	0.41	0.3	2.44	3.33	0.44	0.68	0.24	0.36	0.62
Low-E 270/Clear (3/16)	Argon	Intercept Spacer	0.75	0.37	0.26	2.7	3.85	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270 (3/16)	Argon	Intercept Spacer	0.75	0.36	0.25	2.78	4	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear (3/16)	Argon	Intercept Spacer	0.75	0.36	0.25	2.78	4	0.41	0.64	0.18	0.27	0.84
Low-E 366/Low E 366 (3/16)	Argon	Intercept Spacer	0.75	0.35	0.25	2.86	4	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear (3/16)	Argon	Intercept Spacer	0.75	0.37	0.26	2.7	3.85	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36 (3/16)	Argon	Intercept Spacer	0.75	0.36	0.25	2.78	4	0.36	0.56	0.22	0.33	0.9
Low-E 270/Clear (3/16)	Krypton	Intercept Spacer	0.75	0.33	0.23	3.03	4.35	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270 (3/16)	Krypton	Intercept Spacer	0.75	0.32	0.23	3.13	4.35	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear (3/16)	Krypton	Intercept Spacer	0.75	0.33	0.23	3.03	4.35	0.42	0.65	0.18	0.27	0.84
Low-E 366/Low E 366 (3/16)	Krypton	Intercept Spacer	0.75	0.32	0.22	3.13	4.55	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear (3/16)	Krypton	Intercept Spacer	0.75	0.33	0.23	3.03	4.35	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36 (3/16)	Krypton	Intercept Spacer	0.75	0.32	0.23	3.13	4.35	0.36	0.56	0.22	0.33	0.9
Clear/Clear (3/16)	Air	Super Spacer	0.75	0.51	0.49	1.96	2.04	0.52	0.81	0.49	0.75	0.42
Low-E 270/Clear (3/16)	Air	Super Spacer	0.75	0.4	0.3	2.5	3.33	0.45	0.7	0.25	0.37	0.85
Low-E 366/Clear (3/16)	Air	Super Spacer	0.75	0.4	0.3	2.5	3.33	0.41	0.64	0.18	0.27	0.84
TiAC36/Clear (3/16)	Air	Super Spacer	0.75	0.4	0.3	2.5	3.33	0.44	0.68	0.24	0.36	0.62
Low-E 270/Clear (3/16)	Argon	Super Spacer	0.75	0.36	0.26	2.78	3.85	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270 (3/16)	Argon	Super Spacer	0.75	0.35	0.25	2.86	4	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear (3/16)	Argon	Super Spacer	0.75	0.35	0.25	2.86	4	0.41	0.64	0.18	0.27	0.84
Low-E 366/Low E 366 (3/16)	Argon	Super Spacer	0.75	0.35	0.25	2.86	4	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear (3/16)	Argon	Super Spacer	0.75	0.36	0.26	2.78	3.85	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36 (3/16)	Argon	Super Spacer	0.75	0.35	0.25	2.86	4	0.36	0.56	0.22	0.33	0.9
Low-E 270/Clear (3/16)	Krypton	Super Spacer	0.75	0.32	0.23	3.13	4.35	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270 (3/16)	Krypton	Super Spacer	0.75	0.31	0.23	3.23	4.35	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear (3/16)	Krypton	Super Spacer	0.75	0.32	0.23	3.13	4.35	0.42	0.65	0.18	0.27	0.84

Low-E 366/Low E 366 (3/16)	Krypton	Super Spacer	0.75	0.31	0.22	3.23	4.55	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear (3/16)	Krypton	Super Spacer	0.75	0.32	0.23	3.13	4.35	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36 (3/16)	Krypton	Super Spacer	0.75	0.31	0.23	3.23	4.35	0.36	0.56	0.22	0.33	0.9
Clear/Clear (3/32)	Air	Intercept Spacer	0.75	0.48	0.49	2.08	2.04	0.52	0.81	0.49	0.75	0.42
Low-E 270/Clear (3/32)	Air	Intercept Spacer	0.75	0.36	0.3	2.78	3.33	0.45	0.7	0.25	0.37	0.85
Low-E 366/Clear (3/32)	Air	Intercept Spacer	0.75	0.35	0.3	2.86	3.33	0.41	0.64	0.18	0.27	0.84
TiAC36/Clear (3/32)	Air	Intercept Spacer	0.75	0.36	0.3	2.78	3.33	0.44	0.68	0.24	0.36	0.62
Low-E 270/Clear (3/32)	Argon	Intercept Spacer	0.75	0.32	0.26	3.13	3.85	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270 (3/32)	Argon	Intercept Spacer	0.75	0.32	0.25	3.13	4	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear (3/32)	Argon	Intercept Spacer	0.75	0.32	0.25	3.13	4	0.41	0.64	0.18	0.27	0.84
Low-E 366/Low E 366 (3/32)	Argon	Intercept Spacer	0.75	0.32	0.25	3.13	4	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear (3/32)	Argon	Intercept Spacer	0.75	0.32	0.26	3.13	3.85	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36 (3/32)	Argon	Intercept Spacer	0.75	0.32	0.25	3.13	4	0.36	0.56	0.22	0.33	0.9
Low-E 270/Clear (3/32)	Krypton	Intercept Spacer	0.75	0.31	0.23	3.23	4.35	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270 (3/32)	Krypton	Intercept Spacer	0.75	0.31	0.23	3.23	4.35	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear (3/32)	Krypton	Intercept Spacer	0.75	0.31	0.23	3.23	4.35	0.42	0.65	0.18	0.27	0.84
Low-E 366/Low E 366 (3/32)	Krypton	Intercept Spacer	0.75	0.31	0.22	3.23	4.55	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear (3/32)	Krypton	Intercept Spacer	0.75	0.31	0.23	3.23	4.35	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36 (3/32)	Krypton	Intercept Spacer	0.75	0.31	0.23	3.23	4.35	0.36	0.56	0.22	0.33	0.9
Clear/Clear (3/32)	Air	Super Spacer	0.75	0.48	0.49	2.08	2.04	0.52	0.81	0.49	0.75	0.42
Low-E 270/Clear (3/32)	Air	Super Spacer	0.75	0.35	0.3	2.86	3.33	0.45	0.7	0.25	0.37	0.85
Low-E 366/Clear (3/32)	Air	Super Spacer	0.75	0.34	0.3	2.94	3.33	0.41	0.64	0.18	0.27	0.84
TiAC36/Clear (3/32)	Air	Super Spacer	0.75	0.35	0.3	2.86	3.33	0.44	0.68	0.24	0.36	0.62
Low-E 270/Clear (3/32)	Argon	Super Spacer	0.75	0.31	0.26	3.23	3.85	0.45	0.7	0.24	0.36	0.85
Low-E 270/Low E 270 (3/32)	Argon	Super Spacer	0.75	0.31	0.25	3.23	4	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear (3/32)	Argon	Super Spacer	0.75	0.31	0.25	3.23	4	0.41	0.64	0.18	0.27	0.84
Low-E 366/Low E 366 (3/32)	Argon	Super Spacer	0.75	0.31	0.25	3.23	4	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear (3/32)	Argon	Super Spacer	0.75	0.31	0.26	3.23	3.85	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36 (3/32)	Argon	Super Spacer	0.75	0.31	0.25	3.23	4	0.36	0.56	0.22	0.33	0.9
Low-E 270/Clear (3/32)	Krypton	Super Spacer	0.75	0.31	0.23	3.23	4.35	0.45	0.7	0.24	0.36	0.85

Low-E 270/Low E 270 (3/32)	Krypton	Super Spacer	0.75	0.3	0.23	3.33	4.35	0.39	0.6	0.23	0.34	0.95
Low-E 366/Clear (3/32)	Krypton	Super Spacer	0.75	0.3	0.23	3.33	4.35	0.42	0.65	0.18	0.27	0.84
Low-E 366/Low E 366 (3/32)	Krypton	Super Spacer	0.75	0.3	0.22	3.33	4.55	0.33	0.51	0.18	0.26	0.95
TiAC36/Clear (3/32)	Krypton	Super Spacer	0.75	0.3	0.23	3.33	4.35	0.44	0.68	0.24	0.36	0.85
TiAC36/TiAC36 (3/32)	Krypton	Super Spacer	0.75	0.3	0.23	3.33	4.35	0.36	0.56	0.22	0.33	0.9
Clear/Lami (.060) (3/32)	Air	Intercept Spacer	0.75	0.52	0.52	1.92	1.92	0.52	0.8	0.48	0.72	0.99
Low-E 270/Lami (.060) (3/32)	Air	Intercept Spacer	0.75	0.42	0.29	2.38	3.45	0.45	0.69	0.25	0.37	0.99
Low-E 366/Lami (.060) (3/32)	Air	Intercept Spacer	0.75	0.42	0.29	2.38	3.45	0.41	0.63	0.18	0.27	0.99
TiAC36/Lami (.060) (3/32)	Air	Intercept Spacer	0.75	0.42	0.29	2.38	3.45	0.43	0.66	0.24	0.36	0.99
Low-E 270/Lami (.060) (3/32)	Argon	Intercept Spacer	0.75	0.37	0.24	2.7	4.17	0.44	0.68	0.24	0.36	0.99
Low-E 366/Lami (.060) (3/32)	Argon	Intercept Spacer	0.75	0.37	0.24	2.7	4.17	0.41	0.63	0.18	0.27	0.99
TiAC36/Lami (.060) (3/32)	Argon	Intercept Spacer	0.75	0.37	0.24	2.7	4.17	0.43	0.66	0.24	0.36	0.99
Low-E 270/Lami (.060) (3/32)	Krypton	Intercept Spacer	0.75	0.33	0.23	3.03	4.35	0.45	0.69	0.24	0.36	0.99
Low-E 366/Lami (.060) (3/32)	Krypton	Intercept Spacer	0.75	0.33	0.22	3.03	4.55	0.41	0.63	0.18	0.27	0.99
TiAC36/Lami (.060) (3/32)	Krypton	Intercept Spacer	0.75	0.33	0.23	3.03	4.35	0.43	0.66	0.24	0.35	0.99
Clear/Lami (.060) (3/32)	Air	Super Spacer	0.75	0.51	0.52	1.96	1.92	0.52	0.8	0.48	0.72	0.99
Low-E 270/Lami (.060) (3/32)	Air	Super Spacer	0.75	0.41	0.29	2.44	3.45	0.45	0.69	0.25	0.37	0.99
Low-E 366/Lami (.060) (3/32)	Air	Super Spacer	0.75	0.41	0.29	2.44	3.45	0.41	0.63	0.18	0.27	0.99
TiAC36/Lami (.060) (3/32)	Air	Super Spacer	0.75	0.41	0.29	2.44	3.45	0.43	0.66	0.24	0.36	0.99
Low-E 270/Lami (.060) (3/32)	Argon	Super Spacer	0.75	0.37	0.24	2.7	4.17	0.44	0.68	0.24	0.36	0.99
Low-E 366/Lami (.060) (3/32)	Argon	Super Spacer	0.75	0.36	0.24	2.78	4.17	0.41	0.63	0.18	0.27	0.99
TiAC36/Lami (.060) (3/32)	Argon	Super Spacer	0.75	0.37	0.24	2.7	4.17	0.43	0.66	0.24	0.36	0.99
Low-E 270/Lami (.060) (3/32)	Krypton	Super Spacer	0.75	0.33	0.23	3.03	4.35	0.45	0.69	0.24	0.36	0.99
Low-E 366/Lami (.060) (3/32)	Krypton	Super Spacer	0.75	0.32	0.22	3.13	4.55	0.41	0.63	0.18	0.27	0.99
TiAC36/Lami (.060) (3/32)	Krypton	Super Spacer	0.75	0.33	0.23	3.03	4.35	0.43	0.66	0.24	0.35	0.99