

GOLDEN FAITH ON LINE LOW-E GLASS TECHNICAL INDEXES

Production types	Thickness	Coating position	Filled gas	Visible light		Solar energy		Ultraviolet radiation	Radiation rate	K W/m ² .k	SHGC	SC
				Transmi-ttance %	Reflecting ratio %	Transmi-ttance %	Direct reflectance %	Transmi-ttance %				
Clear folat	4mm			90	7	82	7	67	0.84	5.9	0.84	0.95
	5mm			89	7	81	7	64	0.84	5.9	0.83	0.93
	6mm			88	7	78	7	63	0.84	5.8	0.82	0.92
	8mm			86	7	74	7	60	0.84	5.6	0.80	0.90
Single pane LOW-E												
LOW-E	4mm	2#		83	12	70	11	58	0.24	4.0	0.72	0.81
	5mm	2#		82	12	69	11	55	0.16	3.8	0.71	0.80
	6mm	2#		81	12	66	11	54	0.16	3.8	0.70	0.79
	8mm	2#		79	12	62	11	51	0.16	3.6	0.68	0.77
Insulated Glass Units												
Clear float glass + LOW-E	5-9-5	3#	Air	76	16	57	15	56		2.3	0.67	0.77
			Argon	76	16	57	15	56		1.9	0.67	0.78
	5-12-5	3#	Air	76	16	57	15	56		1.9	0.67	0.78
			Argon	76	16	57	15	56		1.7	0.68	0.78
	6-9-6	3#	Air	74	16	54	15	52		2.1	0.64	0.73
			Argon	74	16	54	15	52		1.9	0.64	0.74
	6-12-6	3#	Air	74	16	54	15	52		1.8	0.64	0.74
			Argon	74	16	54	15	52		1.6	0.65	0.75
	8-12-8	3#	Air	72	17	52	14	49		1.9	0.60	0.70
			Argon	72	17	52	14	49		1.7	0.61	0.70