

Clear Substrates		T _{vis}	R _{vis}	SHGC	Uf	Cardinal Product - Emissivity	T _{vis}	R _{vis}	SHGC	Uf		
AGC	Comfort Select 28	63%	14%	.28	.24	Cardinal	LoE ³ 340 - .028	39%	13%	.18	.24	
	Comfort Select 36	66%	14%	.36	.24		LoE ² 240 - .057	40%	14%	.25	.26	
	Comfort Select 40	72%	12%	.39	.25		LoE ³ 366 - .022	65%	11%	.27	.24	
	Comfort Select R42	65%	25%	.44	.25		LoE ² 270 - .037	70%	12%	.37	.25	
	Comfort Select 63 #2	80%	11%	.57	.26		LoE ² 272 - .042	72%	11%	.41	.25	
	Comfort Select 63 #3	80%	11%	.62	.26		LoE 180 #2 - .068	79%	15%	.65	.26	
	Comfort Select 73 #2	74%	16%	.65	.29		LoE 180 #3 - .068	79%	15%	.69	.26	
	Comfort Select 73 #3	74%	17%	.73	.29							
Guardian	ClimaGuard 52/23	53%	13%	.23	.24	PPG	Solarban 90	52%	12%	.23	.24	
	ClimaGuard 55/27	56%	17%	.28	.25		Solarban 70XL	64%	12%	.27	.24	
	ClimaGuard 62/27	62%	11%	.28	.25		Solarban 60	72%	11%	.40	.25	
	ClimaGuard 70/36	70%	11%	.38	.25		Solarban 60/Starphire	74%	11%	.41	.25	
	ClimaGuard 72/57 #2	71%	14%	.47	.25		Sungate 460 #2	75%	11%	.48	.26	
	HiLightR 723 (72/57+IS-30)	72%	12%	.57	.22		Sungate 460 #3	75%	13%	.57	.26	
	ClimaGuard 72/57 #3	71%	13%	.58	.25		Sungate 400 #2	78%	14%	.63	.28	
	Neutral 70 #2	74%	12%	.58	.28		Sungate 400 #3	78%	14%	.68	.28	
	ClimaGuard 80/70 #2	81%	13%	.66	.27							
	Neutral 70 #3	74%	12%	.68	.28							
	HiLightR 802 (80/70+IS-20)	79%	14%	.68	.22							
	HiLightR 803 (80/70+IS-30)	82%	12%	.70	.23							
ClimaGuard 80/70 #3	81%	13%	.70	.27								
Exterior - Mono							T _{vis}	R _{vis}	Emissivity			
Cardinal x89							89%	7%	.192			
Interior - Mono							T _{vis}	R _{vis}	Emissivity			
AGC Comfort Select 73 - U4							82%	12%	.148			
Cardinal i89							88%	8%	.149			
Pilkington Energy Advantage							84%	11%	.164			
Guardian IS-20							88%	9%	.198			
Guardian IS-30							91%	7%	.302			

Products in red are pyrolytic

Guardian Neutral 70 is a sputtered product with hard coat properties

Window 7 under NFRC100-2010 conditions - Center of Glass

Clear Substrates		T _{vis}	R _{vis}	SHGC	Uf		T _{vis}	R _{vis}	SHGC	Uf		
Cardinal	LoE ³ 340	38%	13%	.18	.24	Guardian	SNR 43	43%	27%	.22	.24	
	LoE ² 240	37%	13%	.24	.25		SNX 51/23	51%	14%	.23	.24	
	LoE ³ 366	63%	11%	.27	.24		SNX 62/27	62%	11%	.26	.24	
	LoE ² 270	68%	12%	.36	.25		Climaguard 62/27	61%	11%	.28	.24	
	LoE ² 272	70%	11%	.40	.25		Climaguard 55/27	54%	17%	.28	.24	
	LoE 180 #2	77%	15%	.60	.26		SN 54	54%	14%	.28	.24	
	LoE 180 #3	77%	14%	.64	.26		AG 43	43%	29%	.31	.26	
Viracon	VUE1-30	31%	20%	.17	.24	Neutral 40	40%	20%	.31	.29		
	VRE1-30	28%	48%	.19	.25	AG 50	50%	27%	.34	.26		
	VUE1-40	40%	16%	.21	.24	Climaguard 70/36	69%	11%	.38	.25		
	VUE1-50	49%	11%	.25	.24	SN 68	68%	11%	.37	.25		
	VNE1-63	63%	10%	.28	.24	Neutral 50	50%	16%	.38	.29		
	VE1-45	40%	7%	.29	.25	Neutral 61	61%	20%	.39	.26		
	VE1-42	38%	19%	.31	.27	Neutral 78/65 #2	78%	13%	.62	.27		
	VE1-48	47%	17%	.37	.27	Climaguard 80/70 #2	79%	13%	.63	.27		
	VE1-2M	71%	11%	.38	.25	Neutral 78/65 #3	78%	13%	.67	.27		
	VE1-85	76%	12%	.55	.27	Climaguard 80/70 #3	79%	13%	.67	.27		
PPG	SB 90	51%	12%	.23	.24	AGC	Energy Select 23	50%	22%	.23	.24	
	SB 70XL/Starphire	64%	12%	.27	.24		Energy Select 28	62%	13%	.28	.24	
	SB 72/Starphire	69%	13%	.29	.24		Energy Select 31	62%	21%	.31	.24	
	SB 67	54%	19%	.29	.25		Energy Select 36	65%	14%	.36	.24	
	SB 67/Starphire	55%	20%	.29	.25		Energy Select 40	69%	12%	.38	.25	
	SB R100	42%	32%	.23	.25		Energy Select R42	62%	26%	.42	.25	
	SB 60	70%	11%	.39	.25		Energy Select 63 #2	78%	11%	.55	.25	
	SB 60/Starphire	72%	11%	.41	.25		Energy Select 63 #3	78%	11%	.59	.25	
	Sungate 400 #2	76%	14%	.60	.28							
	Sungate 400 #3	76%	14%	.64	.28							

