

COOL- LITE ST series

Solar control glass



DESCRIPTION

Bringing the light while controlling the solar energy.

This solution protects interior spaces from heating up while maximizing daylight. Thereby sustainably reducing the cooling and lighting effort required; the result is a bright atmosphere and comfortable room temperature - in any season.

PERFORMANCE

Standard thicknesses : 6-8-10 mm (other on request) - Dimensions : Jumbos, split sizes

Average performance values of DGU (6+12+6 mm) with coating on surface #2, according to the standards ISO 9050 m1 / EN 6732 and to the standards NFRC 100

Product	Norm	Light Transmittance LT (%)	Solar Factor g/SHGC	Shading Coefficient SC	External Light Reflectance LRe (%)	Internal Light Reflectance LRi (%)	U-Value W/(m².K)		Other colors ³
							12mm air	16mm argon	
ST 108	ISO	7	0.10	0.11	44	39	1.9	1.4	ST 408 ST 708 ST 208
	NFRC	7	0.11	0.13	44	39	1.88	1.69	
ST 120	ISO	18	0.22	0.25	32	30	2.6	2.4	ST 420 STB 120 ST 220
	NFRC	18	0.23	0.27	32	30	2.51	2.36	
ST 136	ISO	34	0.34	0.40	23	23	2.7	2.5	ST 436 STB 136 ST 236
	NFRC	34	0.36	0.41	23	23	2.62	2.48	
ST 150	ISO	46	0.46	0.53	20	22	2.8	2.6	ST 450 ST 750 ST 250
	NFRC	46	0.46	0.55	20	22	2.67	2.53	
ST 167	ISO	60	0.59	0.67	23	23	2.8	2.6	ST 467 ST 767 ST 267
	NFRC	60	0.60	0.69	22	23	2.67	2.53	
ST Bright Silver	ISO	62	0.62	0.72	34	34	2.8	2.6	ST Bright Silver Diamant
	NFRC	62	0.63	0.72	34	34	2.69	2.55	

■ Green
 ■ Blue-green
 ■ Blue
 ■ Bronze
 ■ Silver

PROCESSING CAPABILITIES

- One version for two applications: annealed or tempered
- Can be used in single glazing application
- Edge deletion is not required
- Possibility of enameling
- Bendable
- Easy to handle
- Long shelf life

PRODUCT APPLICATION

The improved durability and post coating processing flexibility makes COOL- LITE ST the ideal glass for all types of constructions, whether for major architectural projects or smaller buildings:
 commercial office buildings
 verandas and skylights
 residential high- rises

ADVANTAGE

Solar control
 Daylight comfort (from 5% to 60% transparency)
 Energy savings
 Colored, reflective or neutral aesthetics

[COOL- LITE ST series](#)