

COOL-LITE ST series

SOLAR CONTROL GLASS



GLASS EXPROVER

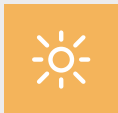

SAINT-GOBAIN

COOL-LITE ST series

Bringing the light while controlling the solar energy

BETTER PLACE FOR PEOPLE

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.



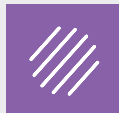
SOLAR CONTROL



DAYLIGHT COMFORT
from 5% to 60% transparency



ENERGY SAVINGS



COLORED, REFLECTIVE OR NEUTRAL AESTHETICS

PROCESSING

- One version for two applications: annealed or tempered
- Can be used in single glazing application
- Edge deletion is not required
- Possibility of enameling¹
- Bendable
- Easy to handle
- Long shelf life

PERFORMANCES

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/(m ² .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 STB 420 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 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

¹ Interlayer compatibility list available on request - ² DGU values calculated with PLANILUX as inner pane. Except for and coatings produced only in Europe for which PLANICLEAR is used - ³ Performances might change, please refer to The Essential