

# Low-E Product Specifications



Low-E Coating	Visible Light (%)			Solar Energy (%)		U-Value (BTU/hr-ft <sup>2</sup> -°F)				Shading Coefficient	SHGC
	Tran.	Reflectance		Tran.	Reflectance	Winter Night		Summer Day			
		Outer	Inner			Air	Argon	Air	Argon		
XETB0150	45	20	11	30	24	0.32	0.28	0.32	0.28	0.42	0.36
XETG0150	45	30	17	27	34	0.31	0.26	0.30	0.25	0.37	0.32
XETG0160	54	20	11	34	24	0.32	0.27	0.32	0.27	0.46	0.40
XETN0187	77	12	12	49	19	0.30	0.26	0.30	0.25	0.64	0.56
XD46231	41	24	15	18	37	0.29	0.24	0.28	0.22	0.26	0.23
XDTB0170	60	15	17	31	28	0.30	0.25	0.29	0.24	0.42	0.36
XDTG0148	44	17	19	24	29	0.30	0.25	0.29	0.23	0.31	0.26
XDTN0180	70	11	13	34	31	0.29	0.24	0.29	0.23	0.44	0.38
XDTS0150	45	27	29	21	34	0.29	0.24	0.28	0.22	0.30	0.26
XDTS0160	55	28	24	28	39	0.29	0.24	0.28	0.23	0.37	0.32

## Note:

- The Data is calculated via window 7 which is provided by LBNL, based on ASHARE NFRC2001 standard solar spectrum: 300-2500nm; visible light is 380-780nm.  
 Winter nighttime: Outdoor temperature: -18°C, indoor temperature: 21°C, windspeed: 5.5m/s, no sunlight.  
 Summer daytime: Outdoor temperature: 32°C, indoor temperature: 24°C, windspeed: 2.8m/s, solar density: 783w/m.
- The calculations are based on the specimen, allow for ±3% difference as clearance and U-Value is ±0.2 BTU/hr-ft<sup>2</sup>-°F, only for reference.

## Make Up 1 (for clear)

Outboard: 6mm Clear  
 Inboard: 6mm Clear  
 Spacer: 12mm Aluminum  
 Low-E coating on surface #2

## Disclaimer:

Above data may be adjusted from time to time and serves as a guide only. Please check with XYGNA on the latest available data. Other low-e coating is available upon request. Please provide the required data to XYGNA to find the best possible match.

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