



GLAZ-TECH INDUSTRIES  
DESIGN THROUGH GLASS

[glaztech.com](http://glaztech.com)

## Cardinal Residential Low-E

for Year Round Thermal Efficiency & Visibility

In addition to Glaz-Tech's prominent line of low-e products, *Cardinal's LoE-366 and LoE-270 Glass* are offered as alternate solutions that contribute to a balance of thermal efficiency and visibility. Cardinal's LoE-366 and LoE-270 have been developed to counter against summer's scorching and winter's rigid temperatures. These thermal characteristics allow for year round energy savings, promotes indoor comfortability and doesn't compromise the amount of visibility of your windows.

### Cardinal Low-E Features & Advantages

- Insulated unit in conjunction with Cardinal Low-e coatings help promote energy conservation and savings.
- Provides balance for light visibility and thermal performance.
- Outperforms windows with tinted glass configurations without compromising light visibility.
- Optimized thermal control for hot or cold climates with visual clarity.
- Reduces ultraviolet light transmission considerably when compared to standard clear insulated units.
- Rejects sun's heat during the summer and reflects heat indoors during winter.
- Cardinal LoE coatings provide solar control for all seasons.

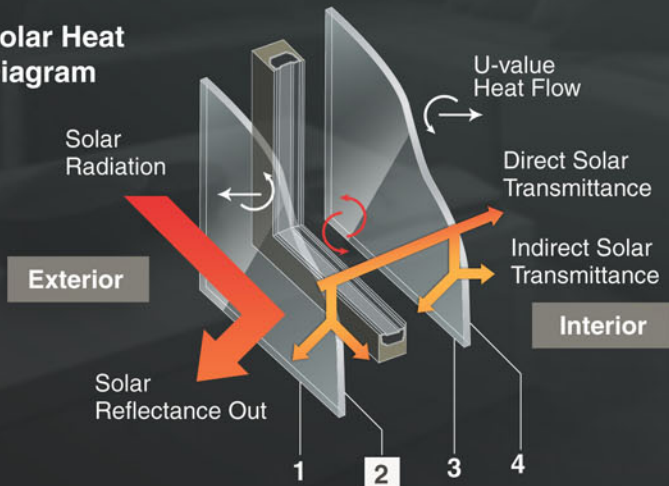


Low E	Visible Transmittance	UV	U-Value Winter	SHGC
<b>1/8" Cardinal Low-E (#2)   1/2" A.S.   1/8" Clear</b>				
<i>• Equivalent products to Cardinal Low-E</i>				
<b>Cardinal 270</b>	<b>70</b>	<b>14</b>	<b>.29</b>	<b>.37</b>
• Guardian RLE 70/36	70	30	.29	.37
• PPG Solarban 60	72	20	.29	.40
<b>Cardinal 366</b>	<b>64</b>	<b>5</b>	<b>.29</b>	<b>.28</b>
• Guardian RLE 55/27	55	18	.29	.28
• PPG Solarban 70XL	64	6	.29	.28
<b>3/16" Cardinal Low-E (#2)   1/2" A.S.   3/16" Clear</b>				
<i>• Equivalent products to Cardinal Low-E</i>				
<b>Cardinal 270</b>	<b>69</b>	<b>13</b>	<b>.29</b>	<b>.37</b>
• Guardian RLE 70/36	69	28	.29	.36
• PPG Solarban 60	71	19	.29	.39
<b>Cardinal 366</b>	<b>63</b>	<b>5</b>	<b>.29</b>	<b>.28</b>
• Guardian RLE 55/27	54	17	.29	.28
• PPG Solarban 70XL	63	5	.29	.28

<b>1/8" Cardinal Low-E (#2)   1/2" A.S.   1/8" Clear</b>				
<b>Cardinal 340</b>	<b>39</b>	<b>2</b>	<b>.29</b>	<b>.18</b>
Standard Clear	82	60	.48	.78
<b>3/16" Cardinal Low-E (#2)   1/2" A.S.   3/16" Clear</b>				
<b>Cardinal 340</b>	<b>38</b>	<b>2</b>	<b>.29</b>	<b>.19</b>
Standard Clear	81	54	.48	.76

Contact your local GTI Sales Rep for availability on Cardinal Low-E products or further specifications.

**Solar Heat Diagram**



**Locations**

- Tucson AZ Corporate Office** | (520) 629-0268
- Phoenix AZ Office** | (602) 272-1544
- Albuquerque NM Office** | (505) 831-6224
- Santa Teresa NM Office** | (575) 589-4970
- Denver CO Office** | (303) 399-8587
- Salt Lake City UT Office** | (801) 467-3136
- Boise ID Office** | (208) 389-1080
- Baton Rouge LA Office** | (225) 442-7040

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