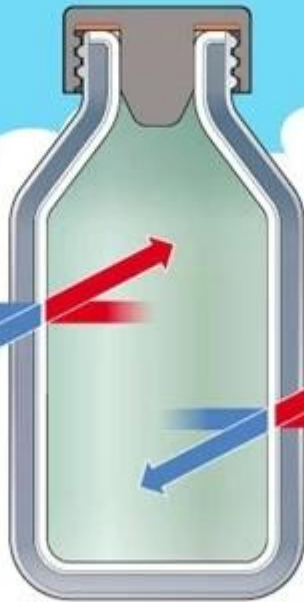




- Low e Color:
- 2140x3300mm
- 

## How Low-e Glass Coatings Work

Low-e coatings work on a window the same way a silver lining works in a **thermos**.



When a hot liquid is placed inside a **silver lined thermos**, the heat from that liquid tries to escape the thermos. The silver lining **reflects** the heat back inside, helping to maintain the liquid's temperature. With a cold liquid, the silver lining serves to repel the heat from the outside. The air space between the silver lining and the exterior of the thermos adds to the **insulating value** of the lining.

**Low-e coatings** work the same way. These microscopically thin, silver coatings **reflect** the sun's infrared light back outside to maintain a comfortable temperature in the room and they increase the insulating value of the window. The location of the coating on an insulated glass unit (IG), the width of the air space and the number of air spaces in the IG contribute to the low-e coating's performance.

1.
2.  Low-E Insulated
3. Low-E glass  Low-E glass  80%

Low-E coatings   IG  4  (#1)  (#2)  3 (#3)  4 (#4)

1. Low-E glass
2. Low-E glass
3. Low-E glass  low e laminated  low e insulated

□□□□:



□□□□ **Low-E glass** □□□□:







□□:



