Soda-Lime
Low Emissivity (Low-E) Glass

**Description:**
Low Emissivity (Low-E) glass provides excellent performance in situations where temperature separation is desired. Low-E is used to help meet energy efficiency requirements by blocking UV light and providing heat insulation. This is done with a special thin-film metallic or oxide coating which prevents the passage of short-wave solar energy and also prevents long-wave energy produced by heating systems and lighting from escaping.

**Features:**
- Higher window U-value
- Increased insulation performance
- Energy savings
- Decreases color fade on interior furniture by blocking UV light

**Applications:**
- Architecture
- Grocery store refrigerators
- Deli food windows

**Physical Properties:**
- Visible Light Transmission 76%
- SHGC (Solar Heat Gain Coefficient) 0.71
- LSG (Laminated Safety Glass) 1.07
- U-Factor (Btu/hr/ft²/°F)
  - Air 0.35
  - Argon 0.31
- Indoor glass temp (°F)
  - Winter 52
  - Summer 99
- UV Transmission 49%

**Dimensions:**
- Thicknesses: 3.2 mm, 5.0mm
- Sizes: Up to 96” x 60” (2438.4 x 1524”)
  Up to 130” x 72” (3302 x 1828.8”)

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