



# Suberlev Silver Thermal Films

Where Architectural Vision  
Meets Proven Performance.



# The Glass Dilemma

Modern design demands light, space, and transparency. But expansive glass creates significant challenges:



- Uncontrolled solar heat gain drives up cooling costs.
- Intense glare reduces comfort and productivity.
- Harmful UV radiation causes irreversible fading and damage to interiors.
- Lack of privacy compromises security and personal space.



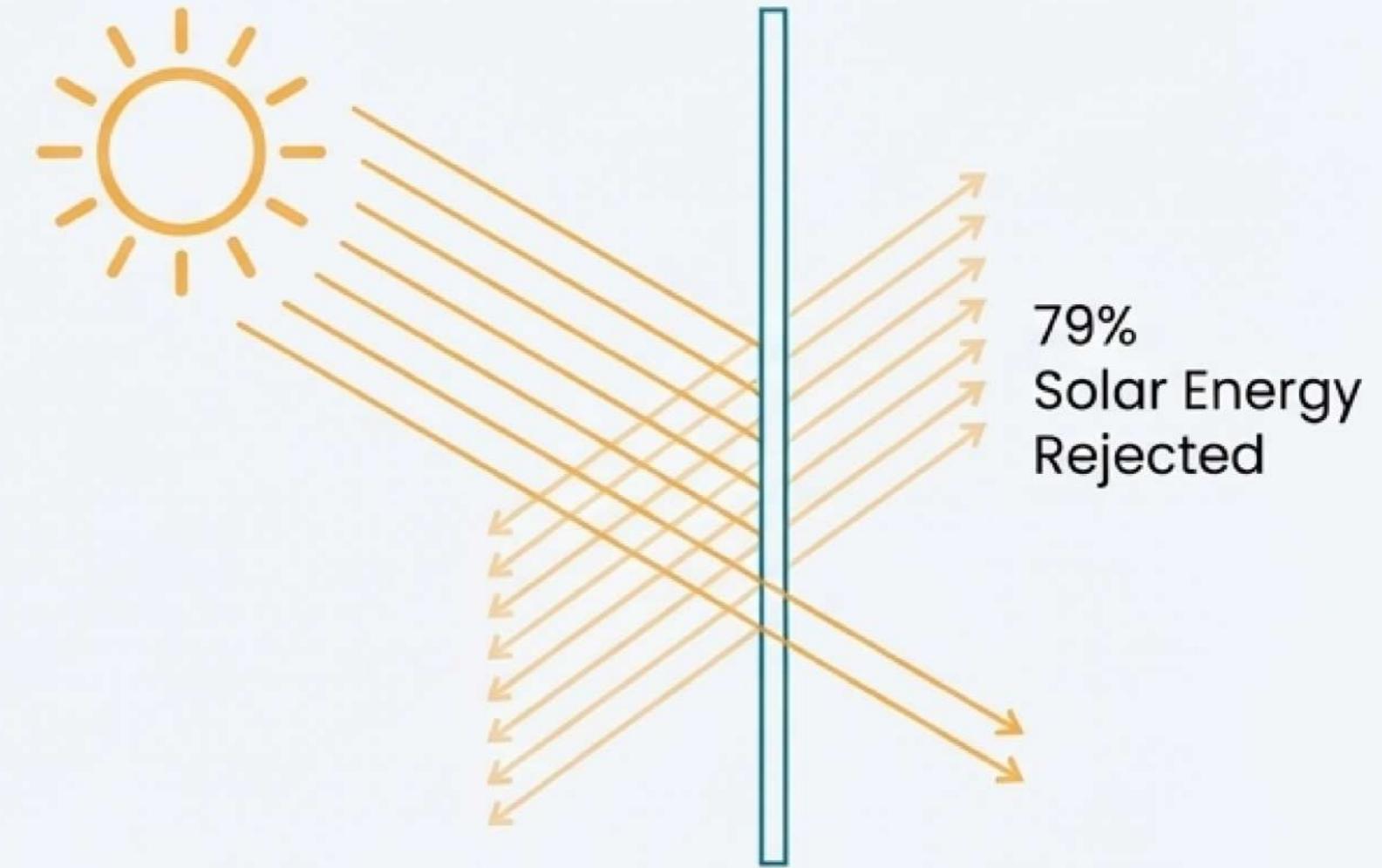
## An Elegant Solution for Total Solar Control

Suberlev Silver Thermal Films are an advanced architectural solution designed to resolve the glass dilemma.

### **SPUTTER Deposition Technology**

Manufactured from polyester metallized with aluminum using the advanced "SPUTTER" process, this film delivers superior performance and a modern aesthetic without compromising the view.

# 79%



## Reject Up to 79% of Solar Energy

Drastically reduce interior heat gain and reliance on HVAC systems. Suberlev films create a more comfortable environment and deliver significant energy savings, especially in summer.

Rejects **52%** of infrared radiation, the primary source of solar heat.

>98%

Without Protection



With Suberlev Film

## Block Over 98% of Damaging UV Rays

Preserve the value and longevity of your interiors. Our films act as a powerful shield, protecting furnishings, flooring, and artwork from the primary cause of fading. This also provides an additional layer of protection for building occupants.

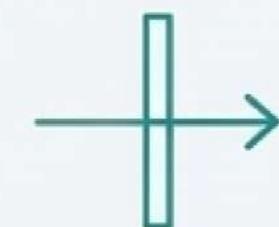


## Create Daytime Privacy with a Modern Mirror Effect

The film's silver finish provides excellent one-way privacy during the day, making it ideal for commercial and residential applications.



Exterior Reflection:  
**58%** (Visible Light)



Interior Transmission:  
**16%** (Visible Light)

# Enhance Efficiency and Safety, Year-Round

Suberlev films offer more than just solar rejection.



## Energy Savings

Limits heat loss in winter through radiation and conductivity (Solar Factor: 0.21), reducing heating costs.



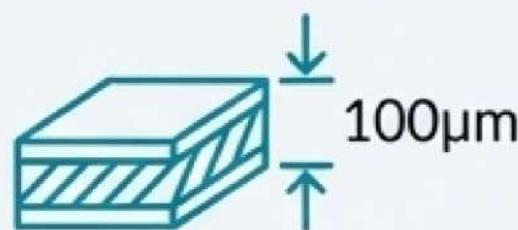
## Increased Safety

In case of breakage, the film holds dangerous glass fragments together, minimizing risk of injury.



# Built for Durability and Lasting Performance

Engineered for demanding environments, Suberlev films are designed to last.



Thickness: 100μm for robust protection.



Protection: Anti-scratch coating maintains a clear view.



Quality: Certified performance developed by Suberlev with advanced technology.



## Ideal For a Range of Architectural Applications

- Commercial buildings with large glass units
- Homes seeking enhanced daytime privacy and comfort
- Offices and premises with laminated glass

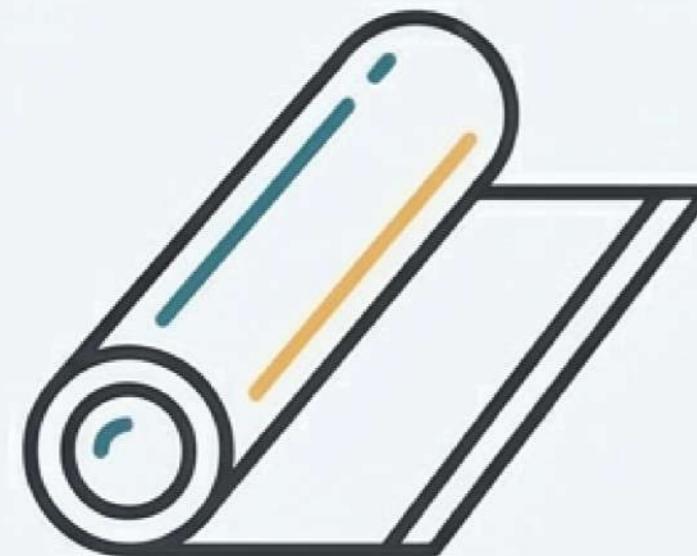
- Any space requiring superior sun protection and energy savings
- Interiors with furniture and assets sensitive to UV fading

# Technical Specifications: Suberlev Silver

Property	Value
Appearance/Color	Silver / Mirror
Thickness	100 µm
Visible Light Transmission	16%
Visible Light Reflection (External)	58%
Total Solar Energy Rejected	79%
UV Rays Rejected	> 98%
Solar Factor	0.21

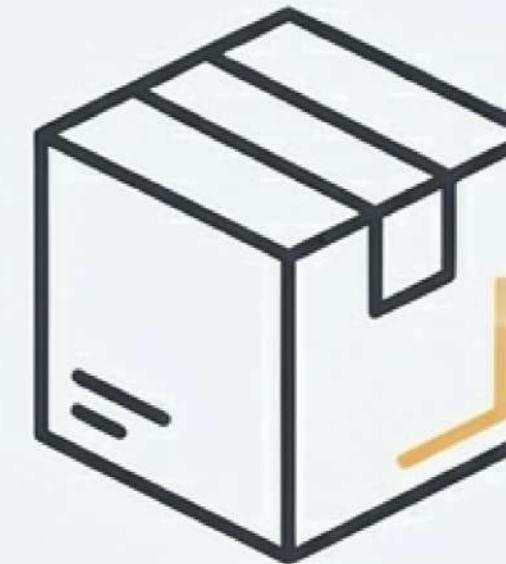
# Sizing and Availability

Available in formats to suit projects of any scale.



## Full Rolls

1.52m x 30.5m (46.36 m<sup>2</sup>)



## Boxes

0.76m x 2m (1.52 m<sup>2</sup>)  
0.76m x 4m (3.04 m<sup>2</sup>)

# Help Us Help You

## Innovation in Protection.



The information provided is based on extensive practical experience and laboratory testing.  
We recommend practical tests to ensure compatibility for each specific application.