

SilShield® VA15.sliver Privacy Solar Control Film

矽盾® VA15.sliver 型隐私型隔热膜

Product Description 产品简介

SilShield® VA15.sliver-type solar heat insulation film is a thin film manufactured using optical-grade PET, featuring a unique structure and coating. Through a vacuum deposition process, when viewed from the outside in, the coated glass presents a silver mirror effect, providing outstanding heat insulation, privacy protection, and color consistency.

Additionally, it possesses explosion-proof capabilities, as it can to some extent adhere to shards after glass breakage, reducing the possibility of secondary injuries. Furthermore, the film boasts over 99% UV blocking functionality, delaying fading of interiors and decorative items. The surface-coated anti-scratch resin layer ensures the film's long-lasting durability. The overall film exhibits natural colors, suitable for glass decoration and maintaining uniform color tones. It can be applied to architectural facade glass, skylights, home window films, and also utilized in privacy decorative areas for specific sections of vehicles.

SilShield® VA15.sliver 型太阳隔热膜是一种采用光学级 PET 制造的薄膜，具有特殊的结构和涂层。通过真空蒸镀工艺，从外向内看，覆膜的玻璃呈现银色镜面效果，从而卓越的隔热、保护隐私、统一色调等作用。同时，它还具备防爆功能，在玻璃破碎后能够一定程度上黏住碎片，降低二次伤害的可能性。此外，该膜还具有 99%+ 紫外线阻隔功能，延缓室内及装饰物的褪色。表面涂布的防刮伤树脂层使膜具有长久耐用的特性。整体薄膜呈现自然色彩，可用于玻璃的装饰和统一色调。可应用于建筑立面玻璃、天顶、家庭贴膜等；也可用于机车部分区域的隐私装饰区域。

Main ingredients 主要成分

- Utilizes optical-grade PET with sputtered metal layer
- Incorporates a specialized acrylic resin adhesive.
- Features an acrylic scratch-resistant coating for enhanced durability.
- Includes a high transparent liner film for easy removal.
- 光学级 PET 及蒸镀金属层
- 特殊丙烯酸树脂胶水
- 丙烯酸耐候防刮伤涂层

- 高透离型层

Product structure 产品结构

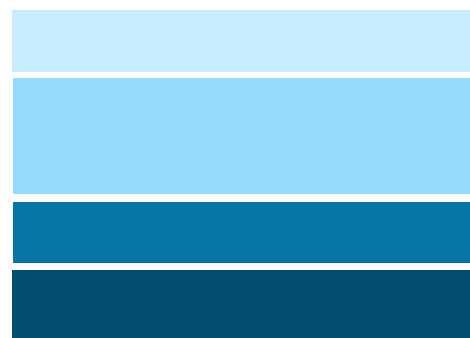
1st Layer: Hard-coating layer

2nd Layer: Solar Control PET

combined layer

3rd Layer: Acrylic adhesive layer

4th Layer: PET liner



Application Area 应用区域

需要隔热、装饰的门玻璃、窗玻璃等玻璃材质的表面. 适用于平面, 非曲面的表面。

Suitable for surfaces of glass materials such as door glass and window glass that require both thermal insulation and decoration. Applicable to flat surfaces, not suitable for curved surfaces.

Technical Data & Test Reports 技术参数 & 检测报告

Item	Data
Film thickness	2mil
UV Rejection Rate	99%
Visible Light Transmittance	85%
Infra-ray Rejection Rate	92%
Hardness	2H
Visible Light Reflection (Ex/In)	70%/69%
Shading Co efficiency	0.19

Product Packing 产品包装

personalized solution for each client. Our mission is clear: we aim to empower our customers by delivering professional-grade products and innovative solutions. By doing so, we enhance

their competitiveness within their respective industries, while simultaneously securing mutual success for both Ggaea-Meilleur and our valued clients.

对我们珍视的客户，至亚美莱提供灵活的支持和服务。我们不仅可以提供卷材，也提供按照客户尺寸我们的使命是：为客户提供最专业的整体解决方案，帮助客户在他们的领域取得成功。

Storage 存储

Storage Period: 6 months from the date of receipt by the customer.

Storage Temperature: Store under conditions avoiding direct sunlight, at an indoor ambient temperature of $23\pm 5^{\circ}\text{C}$ and humidity of $55\pm 10\%$.

储存期限：从客户收到之日起 6 个月。

储存温度：避免阳光直射，室内环境温度 $23\pm 5^{\circ}\text{C}$ 和湿度 $55\pm 10\%$ 的条件下储存。

Application 产品安装及施工

- Thoroughly prepare the substrate surface, ensuring it is free from oil and dust.
- Tint the film in a controlled, dust-free environment.
- You have the option to use either an automatic laminating machine or apply the film manually.
- Ensure the ambient temperature for film application is above 10 degrees Celsius.
- Note that extreme environmental conditions may impact the longevity of the products.
- 在贴膜前需要基材表面进行处理，避免油污、灰尘
- 贴膜应在无尘环境中进行
- 可以使用自动贴膜机进行贴膜，也可以人工湿贴
- 贴膜的环境温度应该在 10 摄氏度以上
- 极端的环境条件会降低产品的使用寿命

Contact info 联系方式

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