



矽盾® 8818/19/20 画面保护膜

SilShield® 8818/19/20 Graphic Protective Film

产品简介 Product Introduction

矽盾® 8818/19/20 型画面保护膜，采用超高分子量优质聚氯乙烯集采制作，具有较高的拉伸延伸率，适合贴合平面及曲面画面表面，起到良好的画面保护作用；背涂永久型丙烯酸胶层，无导气槽，贴合后起到隐形的保护作用。同时三种产品具有不同的表面反光率，从而达到高光、亮光、哑光的效果。客户可根据设计情况选用。

SilShield® 8818/19/20 series graphic protection films are crafted using ultra high-molecular-weight, high-quality polyvinyl chloride substrates, featuring a high stretch elongation rate. They are suitable for adhering to both flat and curved surfaces, providing excellent protection for the graphic. The films have a permanent acrylic adhesive layer on the back, without air channels, offering invisible protection after application. Additionally, the three products have different surface reflectivity rates, achieving effects such as high gloss, bright gloss, and matte. Customers can choose according to their design requirements.

产品性能 Features

8818 为高光，呈现如油漆般光亮的质感，光泽度 65° 角 > 105 度，基材 65um 胶层 20um

8819 为亮光，8820 为哑光质感；基材 90um 胶层 25um

耐候性强，长期使用无显著色差

采用哑光离型膜，洁净度高

优异的画面平整性

不可移胶，确保和底层画面膜的良好粘合，不分层

3-5 年使用期

SilShield® 8818 features a high gloss, presenting a glossy texture resembling paint, with a glossiness of 65° angle > 105 degrees. The substrate is 65 micrometers thick, and the adhesive layer is 20 micrometers.

SilShield® 8819 has a bright gloss, while SilShield® 8820 has a matte texture. Both have a substrate thickness of 90 micrometers and an adhesive layer thickness of 25 micrometers.

They exhibit strong weather resistance, maintaining minimal color deviation over long-term use. Utilizing a matte release liner, they offer high cleanliness and excellent graphic flatness. The adhesive is non-removable, ensuring a strong bond with the underlying graphic film without delamination. The expected lifespan is 3-5 years.

产品结构 Product Structure

PVC Film 65um /90um
 Adhesive Layer 25um
 Liner Film Matte Film

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

Appearance	No dirt, wrinkles, scratches
Application Thickness	65um /90um ±5um
Adherence	> 15N
Tensile elongation (TD) /%	≥180
Tensile elongation (MD) /%	≥160
Type of adhesive	Non-Removable
high temperature stability	stable
Lifespan	3-5years * Graphic film is subjected to different lifespan due to different ink and protective film

产品存储 Storage

储存期限：从客户收到之日起 12 个月。

储存温度：避免阳光直射，室内环境温度 23±5°C和湿度 55±10%的条件下储存。

Storage period: 12 months from the date of customer's receipt.

Storage temperature: Avoid direct sunlight, indoor ambient temperature of 23±5°C and humidity of 55±10%.

产品包装 Packing

Ggaea-Meilleur specializes in providing flexible support and services tailored to meet the needs of our esteemed customers. We offer custom-sized film sheets and tinting services, ensuring a 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。

产品安装及施工 Installations

- 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

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