



Substrates Protection (Metal/Paints...)

How to maintain the
freshness of metal?

How to deter the
vandalism and
graffiti?

How to minimize
the cleaning and
maintainance
costs?...

SilShield®

SIPS series

SIPS-02c

Metal and substrates
Protection Film

Protection.



For more technical information, please feel free to contact us:

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SilShield®

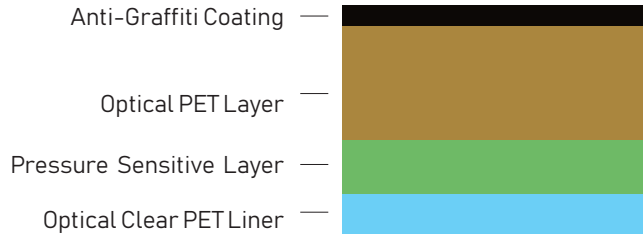
Description:

SilShield® SIPS-02c is an optically transparent polyester overlamine. The products part numbering with c on the ends have the anti-graffiti coating resin on the top of the film, providing superior substrate and surface protection from stains, UV light, gouges, scratches, graffiti and vandalism. acid rain, and other potential hazards.

Applications:

- Public transport vehicles, including buses, trams, metros
- Advertising graphics and signs

Structure:



Key Benefits:

- **Graffiti resistant and easy to clean**
Equipped with anti-graffiti resin on top to resist vandalism, and its low surface energy makes cleaning quick and effortless.
- **Excellent weather resistant and fastness**
Selected optical clear PET layer with UV rejection function to significantly improve durability and lifespan of the substrates and graphics
- **Protection of the graphics or signs**
Serve as an invisible barrier to keep out the stains, abrasions, gouges, UV lights, graffiti or vandalism
- **Optically transparent**
To ensure complete transparency, both the polyester layer and adhesive layer are optically clear
- **Dimensionally stable**
The raw material and structure is designed to be dimensional stable, no noticeable shrinkage will happen during usage
- **Suitable for smooth surface**
Flat or simple curve

| Characteristic | Value |
|--------------------------|--|
| Material | Transparent Polyester PET |
| Adhesive Type | Removable Optically clear, Pressure Sensitive Adhesion |
| Liner | Polyster Film |
| Installation Temperature | Suggested 10~35 °C |
| Chemical Resistance | Most organic solvents and fluids and mild chemicals |
| Useful Layer Thickness | SIPS-01c: 50um+/-2um |
| Packing | 1200mm*100meters per roll or Customized Size |
| Core Size | 3inch (76.2mm) |
| Elongation Rate | MD >=150% TD >=150% |
| Peeling Strength | >15N/inch |
| Weather Fastness * | 6 years outdoor 8 years indoor |

Innovation For The Future.

About Packing :

To our valued customers, GGAEA-MEILLEUR provides flexible support and services. We not only provide rolls of material, but also customize to customer sizes. Our mission is to provide the most professional overall solution to help customers succeed in their fields.

Product Installation:

The surface of the adhered material needs to be treated before construction to avoid oil and dust.

The environmental temperature during construction should be above 10 degrees Celsius. Extreme environmental conditions will reduce the service life of the product.

Factors for the life span of usage:

There are many factors which can affect the performance of the graphic and film:

- The substrates material and surface texture
- Installation procedure, temperature and edge treatment
- Cleaning and maintenance method
- Laminating machine and operation
- Extreme environment or unexpected weather

Remark:

- 1.* The actual performance and life span may vary due to different factors.
2. Insufficient drying may lead to graphic malfunctions such as curling, heightened shrinkage, and adhesion breakdown.

SilShield® Functional Film Total Solution:

SilShield® Safety and Security Film
SilShield® Anti-Graffiti Film
SilShield® Multi-Layer Anti-Graffiti Film
Spall-Free® Anti-Spall Film (for TPU/PVB)
CastShield® Cast-Grade Film
SilShield® Wind Turbine Blade Protective Film
PrinTcool® Graphic Film
Lysee® Interior Finishes
GGAEA® Anti-Slip Tape and Threads

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