

ClingSIL Silicon Adhesive PET Films

Introduction:

ClingSIL are 100µm PVC-free polyester films suitable for long term indoor or short term outdoor installations on smooth flat surfaces such as glass, acrylic or mirrors.

Product features:

The silicone adhesive will reposition / reapply many times without losing any adhesion strength.

Easy to remove without leaving adhesive residue.

Perfect for retail advertising and architectural decoration projects.

High quality photorealistic printing results.

ClingSIL Clear CSC130 optically clear is suitable for mirror-image printing for internal application onto windows.

PVC-free and 100% recyclable.

Can be laminated to increase ink resistance to high UV light levels.or mirrors.

Printing advice:

Compatible with Solvent, Latex and UV inks.

To avoid fingerprints it is recommended that the film is handled with cotton gloves when loading and unloading the film on to your printer.

When printing with high ink levels, it is recommended to allow prints to dry for 24 hours before lamination or installation.

Care should be taken when printing large areas of dark colour as this can affect the temperature of the window surface when in direct sunlight.

Installation guidelines:

Smaller graphic sizes can be installed dry however wet method installation is recommended for larger sizes i.e. A3+ to minimize bubbles.

Recommended tools:

Diluted soapy water spray solution.

Large window squeegee.

Small low-friction sleeve plastic or nylon squeegee.

Sharp knife to trim the edges.



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Surface preparation:

Clean the surface of the glass with a liquid detergent and water immediately before applying the film.

Glass surfaces with grease or dirt can prevent the film from adhering efficiently and leave contaminants that will show after use.

A mild abrasive cleaner or sharp blade can be used to remove paint remnants from the surface.

The glass surface should be at least 15°C and if possible not in direct sunlight as direct sunlight can cause the soapy water solution to evaporate too rapidly causing the adhesive to stick before air bubbles are completely removed.

Applying the film:

1. The glass surface should be at least 15°C and, if possible, not in direct sunlight as this can cause the soapy water solution to evaporate too rapidly causing the adhesive to stick before air bubbles are completely removed.
2. Spray the window thoroughly with the soapy water solution.
3. Remove the liner in stages, spraying the exposed adhesive and ensuring the entire surface is wet.
4. Apply the adhesive side against the wet surface of the window.
The film should slide due to it floating on the film of soapy water.
5. Position the film in its final location, then with light pressure using the larger squeegee, smooth out any bubbles using overlapping strokes from the centre of the film out to the edges.
6. Now, use the smaller squeegee with the low-friction sleeve and apply firm overlapping strokes from the centre to the edge.
7. If any small bubbles remain they can be eliminated by puncturing the film with an air release tool or pin and pressing the trapped air or water toward the hole allowing it to escape.
8. Before trimming the edges make sure the film is dry and firmly adhered to the surface.
If the window has a rubber seal around the edge, it is recommended to trim the film 3mm away from the seal to allow for thermal expansion

Removal:

When it's time to remove the film, simply use a fingernail or a knife to lift a corner of the film and remove at an 180° angle.

The film should remove in one piece, with no adhesive residue left on the surface.

