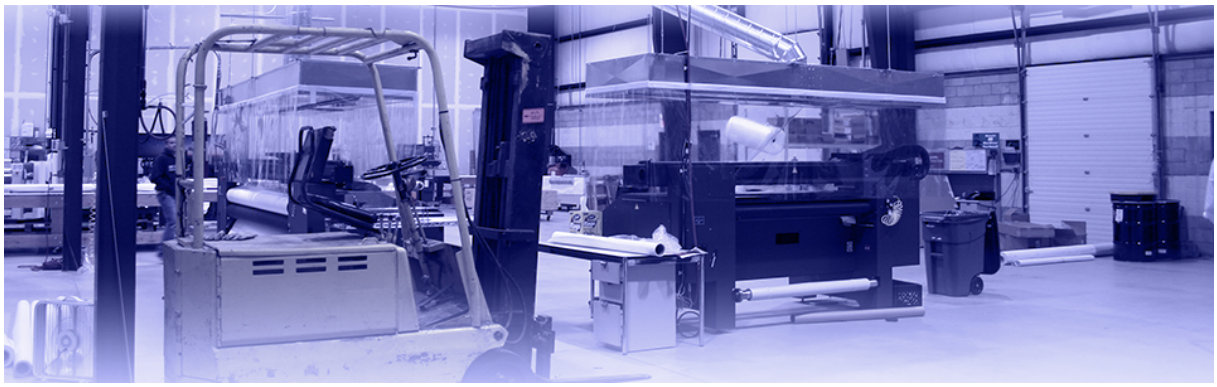
Manufacture of display innovation



15 YEARS EXPERIENCE

We have been producing projection films, and manufacturing a wide range of products for over a decade.

ONE-STOP SHOPPING

We offer more than our own manufactured product-lines. We offer the help needed to make your project a success.

24-7 SUPPORT

Our technical and sale support are always standby to offer assistance. We also have a **48 hrs lead-time.**

NEW DEVELOPMENTS

Projection films up to 2m. width
Projection films for short throw projectors of all brands.
New materials for all kinds of Holographic projection specially large size projection. Save money with re-usable projection films.

INNOVATION

Glimm screens is the only manufacture who is capable of creating projection films capable of supporting ultra short throw projectors. This technique makes it is possible to create a projection under an angle of more than 60 degrees on our films.

PARTNERSHIPS

Glimm screens is one of the top three projection film manufacturers in the world. With over 20 years experience in visual technology combined with our one stop shopping solution we offer a wide range of visual products

Glimm Screens B.V. | Vriezerweg 20b| 9482 TB Tynaarlo | The Netherlands | E-mail: sales@glimm.nl
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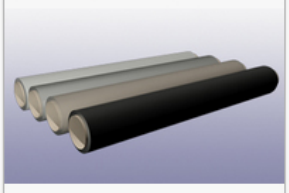
Glimm's product range

Projection screens

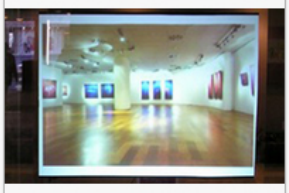
Sunlight screens
Transparent screens
Large sceens
Digital signage screens
Dual image (360º) screens

Projection films



Front projection films
Rear projection films
Holographic projection films
Smart films
Dual image (360º) films

Glass Display



Smart Glass
Glass projection screens
Holographic glass screen
Large glass screens
Interactive glass

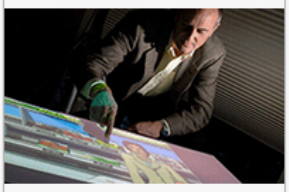
Holographic solutions

Holographic films
Holographic screens
Window holograms
XXL pepper&ghost
Virtual mannequin

Window solutions

Create content for window display
Projection film on window
Projection screen on window
Interactive window solutions

Interactive solutions



Touchscreen for window
Interactive Floor / Wall system
Interactive Table / Bar system
Interactive Video Wall system

Logo display

Logo Display on Acrylic
Logo Display on Glass
Logo Display Interactive
Logo in Glass (Multi Color)

2D / 3D Holograms

How to create 2D/3D content
3D Glimm Pod Solutions
3D Glimm Holobox Solutions
3D LCD
3D PYRAMID Display

About Glimm

Glimm screens started in 2000 with selling the first projection film from 3M. During this period we discovered that technology what was necessary to produce their own projection films. We found a film supplier who was developing films for different applications for 3M and other manufactures like Texas instruments, Samsung. Our own production line started in 2001. Our films are registered, patented and licensed for the global market.

The films are evaluated every year on quality and comparison and needs in the global projection market, this way we can guaranty top quality products, and as the only manufacturer of projection films in the global market offer them for concurring prices.

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GLIMM HOLOGRAPHIC SOLUTIONS™

Glimm manufactured different holographic solutions

HOLOFLEX 7 METERS
Holographic films up to 7 meters!

HOLOGRAPHIC FILMS
100% and 95% transparent projection films, Glimm has holographic films for front & rear projections.

PEPPER's GHOST MATERIALS
Transparent films and other materials for Pepper's Ghost projections up to large sizes.

HOLOGRAMS ON GLASS
Create a holographic projection on glass, windows or other substrates.

VIRTUAL MANNEQUIN
Cut a holographic projection display to size to create a virtual mannequin.

INTERACTIVE HOLOGRAMS
Glimm has a wide range of frame system for holographic display systems.

HOLOGRAPHIC FILMS, SCREENS, HOLOGRAM DISPLAY, PEPPER's GHOST AND OTHER TRANSPARENT SOLUTIONS

Manufactured by Glimm

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GLIMM HOLOGRAPHIC FILMS™

Glimm manufactured Holographic Films™

The magic of transparency

To make you see without being seen. That is the magic of Glimm Holographic Films™. They are eye-catchers. Manufactured from transparent polymers, the films offer a perfect balance between transparency and image quality.

Factory location Zwolle, Netherlands

Holographic front and rear projection films

available with 100%, 95%, 50% transparency.

- ✓ True clear projection films
- ✓ Available up to 200'' and higher
- ✓ Can be used with short throw projections
- ✓ Can be used with touch screens single or multi-touch
- ✓ Easy to customize (for example interactive table)
- ✓ Special for glass and acrylic applications
- ✓ Available on rolls from 1.2 and 1.5 and higher
- ✓ Framing systems available

PRODUCT OPTIONS
Available for front holographic projection
Available for rear holographic projection
Available on rolls (up to 2m width, 50m length)
Available in standard sizes
Different transparencies available

EXTENABLE WITH
Touch screen technology
Cut to size (custom sizes)

MATERIAL OPTIONS
Non permanent or permanent sticking
Anti-reflectives
Adhesives
Scratch resistance
Other substrates for films

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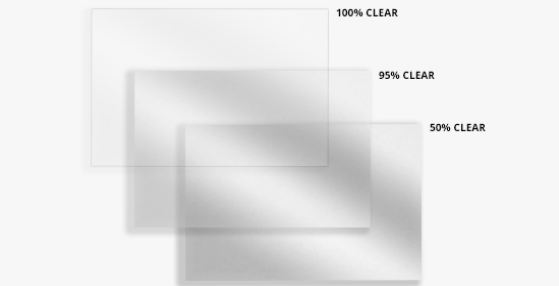
GLIMM HOLOGRAPHIC FILMS™

Different transparencies

Glimm manufactures different types of holographic films at our factory in Zwolle, Netherlands. There are 100%, 95%, 50% clear films available. Glimm Holographic Films™ are transparent projection films for holographic projections. It can also be used for “normal” projections on transparent surfaces like glass. The film will be invisible when not projecting.



The transparent polymer technology in short

Using a specific chemical process, polymer components are warmed up and made rigid. The material created this way is an acrylic substrate that’s perfect for projection. It is possible to modify the gain, the contrast or the transparency of the substrate by slightly changing the chemical formula. The polymer technology that is used for the Holographic Film™ creates brilliant results: a sharp image, vivid colors, wide viewing angle and astonishing transparency!

Applications & Technology

Applications

The Holographic Film is the perfect medium for point of sale promotion and communication. The image quality combined with the see-through touch technologies that Glimm provides, makes this one of Glimm’s top products. This Film can also be used for 3D Projections, Transparent glass projection, Stereoscopic projections in 2D/3D, Pepper & Ghost applications or teleprecense.

This film is the solution for see-trough projection in:

- Shopping mall
- Museums
- Fairs, shows and demonstrations
- Window projection
- Touch screens PCT or IR technology
- Large size pepper & ghost application

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FILM™ APPLIED ON MATERIALS

Holographic Film™ on Glass

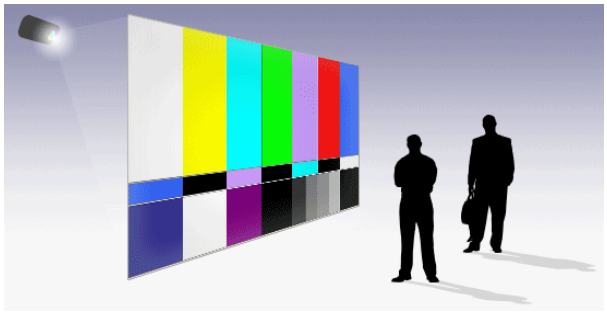
Available for Front and Rear projection

laminated glass; holographic foil laminated between two glass plates with anti-reflection coating insensitive to distracting light, brilliant and high contrast pictures high-transparent screen, homogenous light transmission can be used as a frameless screen. It has a great viewing angle, high durability, is UV-resistant and easy to clean, usable for outdoor-use and available from 2m x 7m with polarized light (usable for 3D projection).

Holographic Film™ between glass

Available for Front and Rear projection

Acryl screen with laminated, holographic projection foil. And diffusing cover foil lightweight low-priced, Holographic Film can be laminated on single acrylic or poly carbonate materials of different thickness it means you can easily create or make your own screen. The size can be 2m x 3m without any lines.



The Holographic Film can be combined together to make large screens, without visible attachment lines.

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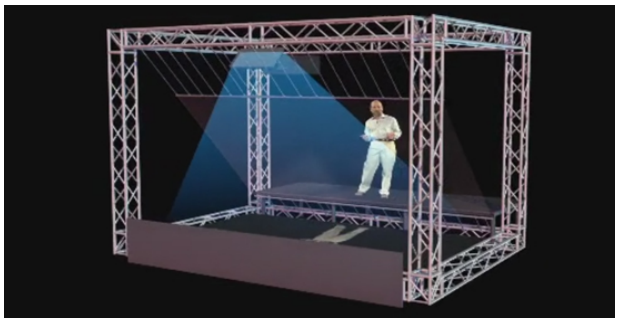
PEPPER'S GHOST SOLUTIONS

Projection film for pepper's ghost

Pepper's Ghost can be used up to life size and large enough to use to fill an entire stage. Pepper's Ghost and holographic screen imagery is conceptually very simple. But to make it work requires deep technical understanding and experience of science, materials and advance design. There is much confusion about '3D holograms', holographic screens, holographic images and Pepper's Ghosts.



How it works

True holographic screens are made with holographic film. A '3D hologram' is an example phrase used to describe a simulated 3D image, using the old Pepper's Ghost effect (also known as Pepper Ghost and Peppers Ghost). These are commonly used for advertising and promotional activities. Advances in projectors and materials means Pepper's Ghost can be used up to life size and large enough to use to fill an entire stage.

Holoflex™ up to 7 meter

Rear and front projection material for large sized holograms.

The Glimm Holoflex is a transparent material for special events and effects (flexible transparent material special for large holograpic projections. The Holoflex is available up to 3 × 12 meters or in custom sizes.

Including frames to stretch the material flat.

Holoflex frame

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HOLOGRAPHIC SOLUTIONS

Holographic Pyramids™

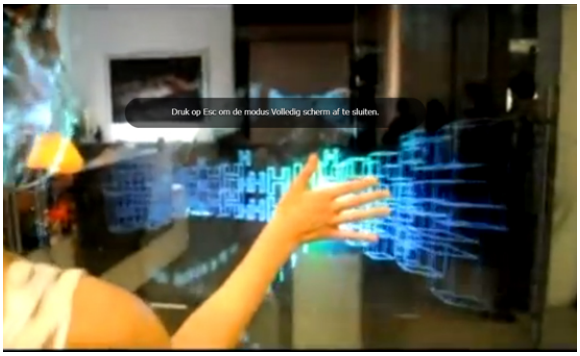
Holographic pyramids are a powerful way to showcase your product. It is a mixed-reality display designed to present products in combination with free floating holographic video elements.

Virtual Mannequin™

Whether you wish the virtual mannequin to provide guests with a welcome, help give directions or provide more general information. The virtual mannequin can do it all, whilst entertaining the people. The virtual mannequin is a real eye catcher and can be made interactive by connecting to a touch screen panel and that way, provide information upon request.

Interactive Hologram

Holographic touch-screen projection. With the Glimm touch screen technologies we can make any holographic projection interactive. Using touch-foils or our advanced IR framing system we can make a interactive sufrace up to 40 touchpoints. We also have infrared and motion detection systems to create advanced large interactive holographic displays.



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