

HOLO G

Holographic transparent film

ADWINDOW
creative projection films

HOLO G is a fully transparent rear projection film, for holographic and transparency effects. HOLO G was designed to create the most stunning pictures for holograms, scenography projects with direct rear projection. This product is a special rear projection film to be used preferably indoors, and with low or controlled lighting for a better result.

Even if HOLO G has more than 90% of direct transparency, it includes a special diffusion layer to obtain highly readable pictures.



Holographic projection generally tends to create a picture with a see-through or transparent effect, and / or a hologram effect. If specific conditions are respected (lighting, back illumination of background, scenography etc...), an object or person may appear as “floating”, or as a hologram. Generally, holographic projection is used together with physical object to enhance the 3D effect.

Holographic video projection uses several properties of rear and front projection screens, films and projectors. One of the keys is the black color, that is not “projected”: an object or person filmed on a black background, when projecting on a holographic screen appears on a transparent background. Holographic projection effect can be obtained by directly projecting on a holographic transparent screen, like Adwindow holographic rear projection films.

Resources: <http://www.adwindowscreens.com/holographic-projection/>
<https://vimeo.com/71961006>: Large screen for scenography, copyright Yohav Cohen
<https://vimeo.com/63669860>: Virtual pasarela, designer Chalayan, copyright
<https://vimeo.com/149165894>: Home-made demo holo effect, video on black background

Sizes and brightness calculator: http://www.adwindowscreens.com/the_calculator/
Installation guide: [DOWNLOAD USER GUIDE](#)

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DATASHEET

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CLASS	COLOUR	USE	APPLICATIONS
Rear projection Off-axis mount	Transparent 92% See through 100%	Indoor Low lighting	Hologram, holographic effect Museums, exhibitions, shows Scenography

THICKNESS (MICRONS)	VISION ANGLE (20% brightn. loss)	TRANSMITTANCE %	HAZE %	PEAK GAIN	USAGE TEMP./ HUMIDITY
140 mic	98°	88 %	34 % +/- 3%	2	0° – 60° 0% - 80%

INSTALLATION

Recommended installation: OFF AXIS

Recommended projection angle: >20° off viewer axis

Multi-pieces for large screens: YES, side by side without overlap

Short- and ultrashort-throw: NOT RECOMMENDED

ROLL

Adhesive: STIKI pressure sensitive

Optionnal adhesive: KITAPON cling / FLIXO non adhesive semi-rigid backup

Roll width: 152cm STIKI version – 140cm KITAPON cling version

OPTIONAL FINISHES (only available for custom products)

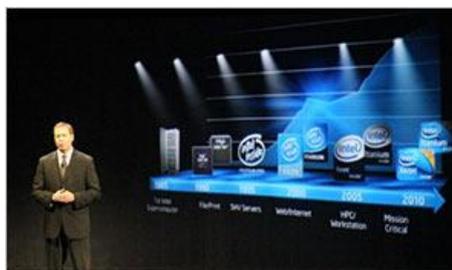
AR50 semi-reflective

AR75 semi-reflective + contrast

MIRROR



HOLOGRAPHIC SCREENS
TRANSPARENT AND HOLO
PROJECTION SOLUTIONS



HOLO G
THE ORIGINAL HOLOGRAPHIC FILM

