

## Rear Projection Films

THE MOST  
IMPORTANT  
TECHNOLOGY  
IN THE DIGITAL  
SIGNAGE  
INDUSTRY



## Rear Projection Films

PROJECTION SCREENS ARE NO LONGER THE TECHNOLOGY FOR THE BOARDROOM OR CLASSROOM.

Vueinti Limited, is an innovator, manufacturer and distributor of digital signage and display technology. Through our vision to provide our clients affordable and effective solutions, we exhaustively searched the world and we believe we have now partnered with the best in the industry to provide our clients a complete portfolio of display, interactive and digital signage solutions.

With the introduction of Vueinti rear projection films the opportunities are endless.

Projection screens are no longer the technology for the boardroom or classroom. With the introduction of Vueinti rear projection films the opportunities are endless.

### Acrylics (Rigid Screens)

---



- 01 DarkVue Rigid
- 02 HoloVue Rigid
  
- 03 HighVue Gloss
- 04 HighVue High Gain

### Rear Projection Film

---



- 01 DarkVue Pro
- 02 HoloVue Pro
  
- 03 DarkVue
- 04 HoloVue Film

### PVC Fabrics

---



- 01 FabriVue Grey
- 02 FabriVue Dark

# RIGID ACRYLICS

Vueinti's range of rigid acrylics rear projection screens are ideal for installations needing a freestanding screen. Whether it will be hanging from the ceiling or floorstanding - Our Acrylic projection screens are perfect for retail, shop windows, exhibitions, pubs & clubs, Hotel lobbies.

Vueinti rigid screen range are made of an extruded acrylic that contains special diffuser (DF) beads. These give the material its satin surfaces and intensive translucency, Diffuser beads are spherical polymer particles that are "embedded" in the screen without being visible. They show a specific difference in light refraction (refractive index) as compared with competitive screens. Each of the spherical polymer particles therefore deflects impinging light rays in a special way, toward the service side. As a result, hardly any light is



04 DarkVue Rigid (DVR)

05 HoloVue Rigid (HVR)

06 HighVue (HV1)

07 HighVue Gloss (HVG)

## Fixing methods



Rods



Wires



Gripstrip



Aluminium Stands



Bespoke Stands

**16:9** 20", 30", 40", 50", 60", 67", 72", 82", 100", 120"

**4:3** 20", 30", 40", 50", 60", 67", 72", 82", 100", 120"

**1:1** 3050mm x 2030mm

Example P/N - EC2-50 = 50" Eclipse II - 4:3 Ratio, EC2-50W = 50" Eclipse II - 16:9 Ratio, EC2-Sheet = Complete Sheet of Eclipse II

# DARKVUE

The extraordinary contrast levels offered by DarkVue Rigid make it perfect when the highest levels of projection clarity are required, such as in control rooms or flagship store windows.

Most noticeably, the DarkVue Rigid projects a natural black not the greyish tones found on standard projection screens. This allows vivid colours to 'break out' and create the strongest image impact possible.



ACTUAL PHOTO OF SCREEN WITH 2000 ANSI PROJECTOR

## Properties

TYPE: RIGID ACRYLIC

- Short Throw ■
- Long Throw ■
- IR- Compatible ■
- No Hotspotting ■
- No Crystalization ■
- Daylight Readable ■
- Adhesive ■
- Non-Adhesive ■
- Bespoke CNC ■
- Permeant install ■
- Temporary install ■
- Touch foil option ■

## Scenarios

*For example...*  
 Hanging in shop window displays, fashion shows & theatre stage as backdrop screen, TV studio's, art gallery, museums and hotel & corporate foyer.

## Specification

Contrast ratio of 200:1  
 Gain of 5.0  
 Viewing angle of 175 degrees.

## Screen

DARK CHARCOAL



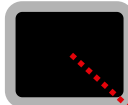
Short Throw Compatible



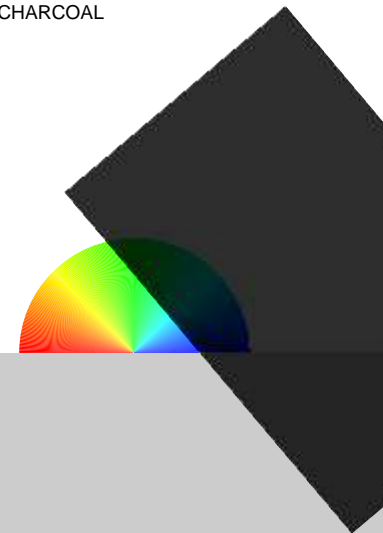
No Hotspotting Guarantee



No Crystallisation Guarantee



IR Compatible



# HOLOVUE RIGID

(Holographic Transparent)

Made of see-through acrylic, HoloVue Rigid offers the perfect balance in projection screen technology between transparency and image quality.

Virtually clear when not in use, it comes alive with sharp images, vivid colours and excellent viewing angles. Ideal for point of sale in retail outlets, airports, banks and other high traffic areas where fast, high-impact imaging is required.

Available in sizes up to 3050mm x 2030, Clarity Rigid can be joined to give greater screen area



ACTUAL PHOTO OF SCREEN WITH 2000 ANSI PROJECTOR

## Properties

TYPE: RIGID ACRYLIC

- Short Throw ■
- Long Throw ■
- IR- Compatible ■
- No Hotspotting ■
- No Crystalization ■
- Daylight Readable ■
- Adhesive ■
- Non-Adhesive ■
- Bespoke CNC ■
- Permeant install ■
- Temporary install ■
- Touch foil option ■

## Scenarios

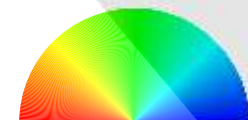
*For example...*  
 Shop window (indirect sunlight) or night time, jewellery shops, museums, hotels & corporate

## Specification

Peak-Gain 3.65  
 Viewing-cone 175°  
 Screen Color Translucent / Clear  
 Contrast No Added Contrast - 100:1  
 Transmission of light 90%  
 Thickness, standard 3 mm (1.125")  
 Maximum Size 80"x120"  
 Screen Finish Glossy (Reflective)  
 Custom sizes available

## Screen

95% TRANSPARENT



# HIGHVUE

The HighVue with a double sided matt surface makes this screen ideal for ultra bright environments.

With an ultra wide viewing angle and a no HOT SPOT guarantee when using with short throw projectors.



ACTUAL PHOTO OF SCREEN WITH 2000 ANSI PROJECTOR

## Properties

TYPE: RIGID ACRYLIC

- Short Throw ■
- Long Throw ■
- IR- Compatible ■
- No Hotspotting ■
- No Crystalization ■
- Daylight Readable ■
- Adhesive ■
- Non-Adhesive ■
- Bespoke CNC ■
- Permeant install ■
- Temporary install ■
- Touch foil option ■

## Scenarios

*For example...*  
 Shop window (indirect sunlight), fashion catwalk, theatre stage, portable screen, dual sided projection situations, large outdoor scenarios when welded.

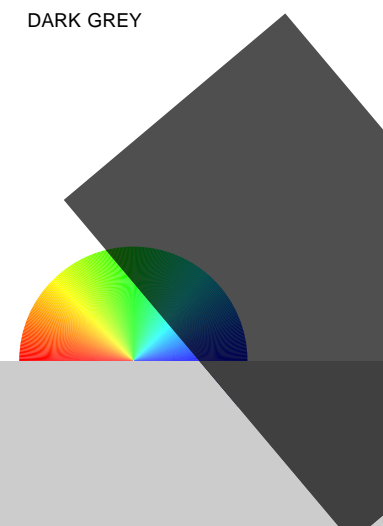
## Specification

Thickness of 4mm  
 Gain of 5.8  
 Viewing angle of 175 degrees

## Screen

DARK GREY

Short Throw Compatible    No Hotspotting Guarantee    No Crystallisation Guarantee    IR Compatible



# HIGHVUE GLOSS

One of the brightest screens on the market, HighVue Gloss gives plasma a run for its money. Designed with HD in mind it delivers sharp images and vivid colours across a wide viewing angle. Its high brightness means HighVue Gloss resists 'wash-out' from ambient light, so it can bring show windows and POS installations to life in even high sun conditions.

For interior environments, those same brightness values remove the inconvenience of dimming lights for presentations. Lightweight, durable and in sizes up to 3m x 2m, HighVue Gloss is ideal when you need a large format solution, as multiple screens can be seamlessly joined in a purpose built frame for even arena scale viewing.



ACTUAL PHOTO OF SCREEN WITH 2000 ANSI PROJECTOR

## Properties

TYPE: RIGID ACRYLIC

- Short Throw ■
- Long Throw ■
- IR- Compatible ■
- No Hotspotting ■
- No Crystalization ■
- Daylight Readable ■
- Adhesive ■
- Non-Adhesive ■
- Bespoke CNC ■
- Permeant install ■
- Temporary install ■
- Touch foil option ■

## Scenarios

*For example...*  
HD home cinema

Short Throw Compatible

No Hotspotting Guarantee

No Crystallisation Guarantee

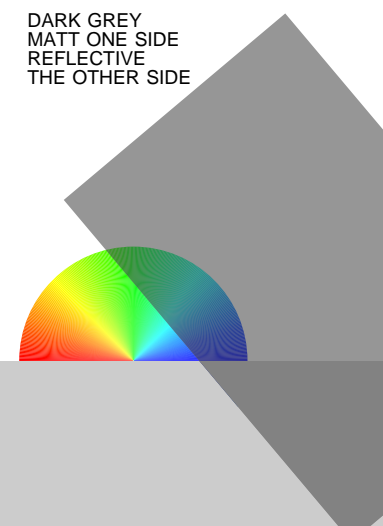
IR Compatible

## Specification

Thickness of 4mm  
Gain of 5.8  
Viewing angle of 175 degrees

## Screen

DARK GREY  
MATT ONE SIDE  
REFLECTIVE  
THE OTHER SIDE



# HIGHVUE GAIN

The HighVue Gain Screen has a extremely tolerant to ambient light making the screen an ideal medium for use inside retail outlets: i.e. at point of sale, in pubs and bars or inside any public area.

The HighVue Gain screen is an opalescent, milky-white translucent material, thus producing extreme light transmission.



ACTUAL PHOTO OF SCREEN WITH 2000 ANSI PROJECTOR

## Properties

- TYPE:FILM
- Short Throw ■
- Long Throw ■
- IR- Compatible ■
- No Hotspotting ■
- No Crystalization ■
- Daylight Readable ■
- Adhesive ■
- Non-Adhesive ■
- Bespoke CNC ■
- Permeant install ■
- Temporary install ■
- Touch foil option ■

## Scenarios

*For example...*  
Retail Outlets, Point of Sale, pubs & Bars .

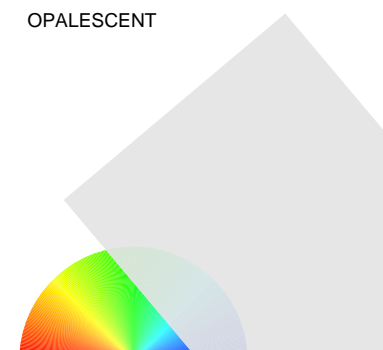
## Specification

Gain of 7.9  
Viewing angle of 165 degrees  
Half gain angle of 45 degrees.

## Screen

OPALESCENT

- Short Throw Compatible
- No Hotspotting Guarantee
- No Crystallisation Guarantee
- IR Compatible





# PROJECTION FILM

Vueinti's projection films are very thin, lightweight and flexible projection film with a unique projection surface.

The screens are cable free and appear to float on the surface glass. Viewer are astonished how effectively it works and in many ways it is better than a Plasma or LCD display.

Shop Windows can be brought to life with these unique screens.

Our Projection films can be mounted directly to glass or acrylic or hung using our grip strip kits.

They available in sizes up 120 inches or rolls of any size with a max height of 1524mm.



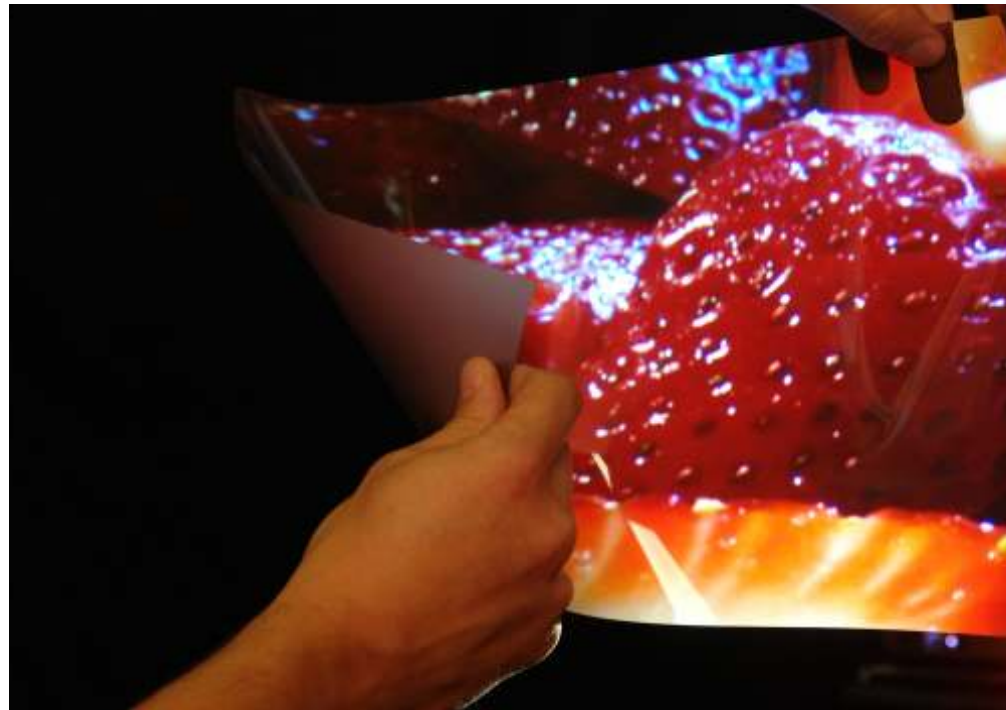
10 DarkVue (DVF)

11 HoloVue (HVF)

# DARKVUE FILM

DarkVue is our latest daylight readable screen offering unsurpassed contrast and resolution. Giving sharp, crystal bright images, with exceptional blacks and contrast levels, DarkVue is the cost-effective rear projection screen solution for high light level sites, such as outdoor events and retail windows as well as high-end video and advertising installations.

Very thin, flexible and with a self-adhesive face DarkVue offers easy application directly to glass or acrylic. It's available in sizes up 120 inches or rolls of any size with a max height of 1524mm.



## Properties

- TYPE: FILM
- Short Throw ■
- Long Throw ■
- IR- Compatible ■
- No Hotspotting ■
- No Crystalization ■
- Daylight Readable ■
- Adhesive ■
- Non-Adhesive ■
- Bespoke CNC ■
- Permenant install ■
- Temporary install ■
- Touch foil option ■

## Scenarios

*For example...*  
 Shop window (indirect sunlight), fashion catwalk, theatre stage, portable screen, dual sided projection situations.

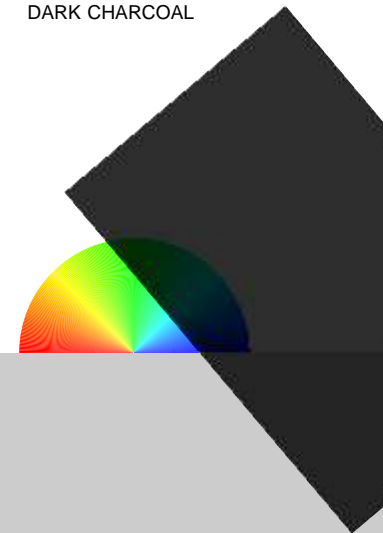
## Specification

Thickness of 0.1mm  
 Gain of 4.0  
 Contrast ratio of 300:1  
 Vision angle of 180 degrees

## Screen

DARK CHARCOAL

- Short Throw  
Compatible
- No Hotspotting  
Guarantee
- No Crystallisation  
Guarantee
- IR Compatible



# HOLOVUE FILM

(Holographic Transparent)

This is a clear transparent film screen. HoloVue offers the perfect balance in projection screen technology between transparency and image quality.

Virtually clear when not in use, it comes alive with sharp images, vivid colours and excellent viewing angles. Ideal for point of sale in retail outlets, airports, banks and other high traffic areas where fast, high-impact imaging is required.

With the Self adhesive layer you can install directly onto glass. This is the most cost effective holographic screen available on today market.



ACTUAL PHOTO OF SCREEN WITH 2000 ANSI PROJECTOR

## Properties

- TYPE: FILM
- Short Throw ■
- Long Throw ■
- IR- Compatible ■
- No Hotspotting ■
- No Crystalization ■
- Daylight Readable ■
- Adhesive ■
- Non-Adhesive ■
- Bespoke CNC ■
- Permeant install ■
- Temporary install ■
- Touch foil option ■

## Scenarios

*For example...*  
This screen has been designed for retailers where they want to promote their merchandise but let shoppers still see into the shop, also high security areas such as banks where the need to view through the screen is essential, the screen is also being used in night clubs.

## Specification

Peak-Gain 6  
Vision Angle 150°  
Screen Color Translucent / Clear  
Transmission of light 88%  
Thickness, standard 0.5mm  
1.524mm height x 10m  
Screen Finish Glossy on glass, Matt Rear  
Separate Glue Layer

## Screen

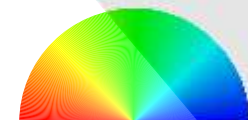
88% TRANSPARENT



Short Throw Compatible

No Crystallisation Guarantee

IR Compatible



# PVC PROJECTION FABRIC

Vueinti's projection fabric is a versatile. Ideal for all applications whether it be in front, rear, convex or concave, Flexible and waterproof film fabric screen allowing dual front and rear projection with no hot spot guaranteed.

The most portable screen in its range; can be rolled up and moved to other sites over and over again. It can also be used with a frame or suspension kit.



**13** FabriVue (FVG)

# FABRIVUE

**FabriVue** is a grey film, kind of PVC type which is impossible to break without using a **sharp object**. **FabriVue can be** welded for larger installations.

This screen can be used directly onto glass in a shop window with gripstrips in fact this screen can be used practically anywhere. installations can also use industrial spray mount adhesive or double sided transparent tape.

This is the most portable screen in our range - it can easily be rolled up and moved to another location.



## Properties

- TYPE: FILM
- Short Throw ■
- Long Throw ■
- IR- Compatible ■
- No Hotspotting ■
- No Crystallization ■
- Daylight Readable ■
- Adhesive ■
- Non-Adhesive ■
- Bespoke CNC ■
- Permeant install ■
- Temporary install ■
- Touch foil option ■

## Scenarios

*For example...*  
 Shop window (indirect sunlight), fashion catwalk, theatre stage, portable screen, dual sided projection situations, large outdoor scenarios when welded.

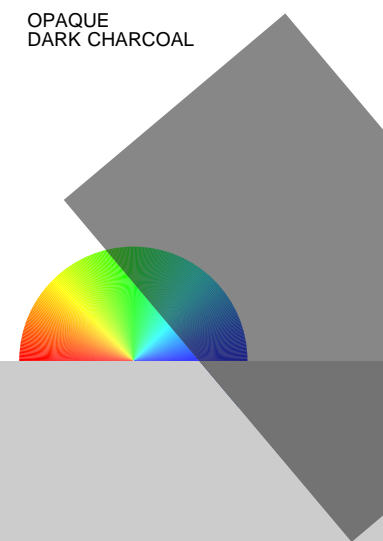
## Specification

Thickness of 0.5mm  
 Gain of 2.0  
 Vision angle of 180 degrees  
 Contrast ratio 200:1  
 \*Unique\* - Short throw projector compatible

## Screen

OPAQUE  
 DARK CHARCOAL

Short Throw Compatible    No Hotspotting Guarantee    No Crystallisation Guarantee    IR Compatible



# FABRIVUE

TECHNOLOGY EXAMPLE  
GALLERY USING FABRIVUE

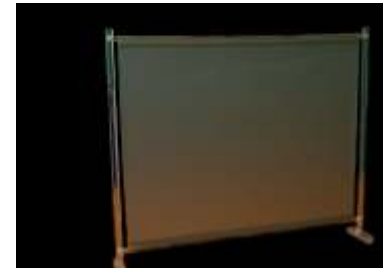
Vueinti has made many products using the versatile FabriVue screen.

Conference screens



Aluminium Frame

Pico Travelr

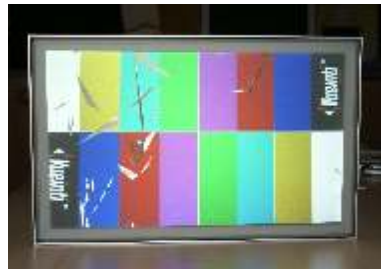


Bespoke Portable

Springy Screen



Inflatables



Temporary Display



Large screens



Events



## Step 01 DIMENSIONS

What width is the desired screen size?  
 Are the images you are projecting going to be in wide-screen (16:9), Standard (4:3) or a custom size?  
 To best fit the proposed display area and the images that will be projected, will screen be mounted portrait or landscape?

### 4:3 Standard Screen Aspect Ratio



Diagonal	Width	Height	LIGHT LEVEL MULTIPLIER (LLM)
20" =	406mm	305mm	0.5
30" =	610mm	457mm	1.0
40" =	813mm	610mm	1.5
50" =	1016mm	762mm	1.5
60" =	1220mm	915mm	2.0
67" =	1362mm	1021mm	2.0
72" =	1464mm	1098mm	2.1
82" =	1667mm	1250mm	2.5
100" =	2033mm	1525mm	3.0
120" =	2440mm	1830mm	3.5

### 16:9 Wide-Screen Aspect Ratio



Diagonal	Width	Height	LIGHT LEVEL MULTIPLIER (LLM)
20" =	406mm	305mm	0.5
30" =	610mm	457mm	1.0
40" =	813mm	610mm	1.5
50" =	1016mm	762mm	1.5
60" =	1220mm	915mm	2.0
67" =	1362mm	1021mm	2.0
72" =	1464mm	1098mm	2.1
82" =	1667mm	1250mm	2.5
100" =	2033mm	1525mm	3.1
120" =	2440mm	1830mm	4.5

## Step 02 Ansi Required

Lookup the LLM (light level multiplier) and multiply by the ASM (Ansi/Sq Metre) to find the desired ANSI Lumens required

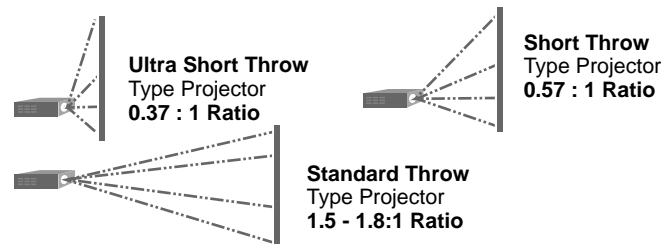
ANSI Lumen per Sq Metre		ANSI Lumen per Sq Metre		ANSI Lumen per Sq Metre	
INDOOR WITH AMBIENT DAYLIGHT		WINDOW MOUNT, DAYLIGHT FACING		INDOOR & AWAY FROM DAYLIGHT	
SCREEN	ASM	SCREEN	ASM	SCREEN	ASM
DarkVue	2000	DarkVue	2100	DarkVue	1800
HoloVue	2100	HoloVue	2200	HoloVue	1800
HighVue	2000	HighVue	2100	HighVue	1800
FabriVue	2000	FabriVue	2100	FabriVue	1800

For example a 67" DarkVue Screen has a LLM of 2.0 for use indoor with ambient daylight - the ASM is 2000 - Therefore the minimum recommended ANSI lumen projector required is 2.0 x 2000 = 4000 Ansi

## Step 03 Lens and Ratio Selector

To calculate the Lens Throw ratio - select your screen size - look up the width of the screen measure the distance from the screen to a suitable location for the projector (so that people cannot walk in front and disrupt the image) - Divide the Distance by the Width of screen.

For a 50" 16:9 Screen where the projector will be 1000mm from the screen  
 $1000\text{mm} / 1016 = .98$  - therefore the lens throw ratio should be less than .98:1



If you know the throw ratio of the projector, multiply the distance Ratio x Width of screen to get the distance required. A 50" 16:9 screen using a .57:1 ratio short throw projector  
 $1016\text{mm width} \times 0.57 \text{ Ratio} = 579\text{mm distance from projector lens to screen.}$

# TOUCHFOIL

(interactive dualtouch, with projection film)

Vueinti touchfoils are the highest resolution and most accurate touchfoils on the market. Available pre bonded with our DarkVue or HoloVue film in our cleanroom facility, ensures a crisp, clean dust and bubble-free screen solution.

Available in sizes up to 82"  
Complete with a self adhesive cling layer you can install directly onto glass or acrylic



## Scenarios

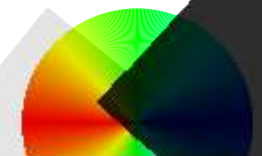
*For example...*  
These touch foils are perfect for shop windows, restaurants, hotel foyer, Museums, Estate agents, tourist information centres and any window where interaction is required out of hours.

## Specification

Bonded with DarkVue or HoloVueFilm available up to 82"  
Dual touch control  
fully Microsoft Windows 7 UPDD

DarkVue  
DARK CHARCOAL

HoloVue Film  
88% TRANSPARENT





# SPRINGY

(portable springloaded screen)

Springy - is a portable springloaded screen - designed to collapse small enough to fit into a laptop or projector bag.

The unique circle screen was designed to vide maximum surface tension across the whole screen. Complete with built-in legs - this is a must have for the travelling presenter.

Perfect for Pico projectors



## Scenarios

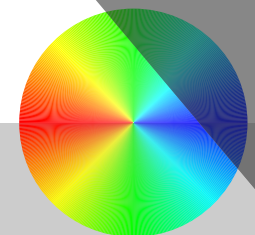
*For example...*  
Travelling presenter, great with pico projectors

## Specification

50" Round screen  
giving a 4:3 screen size  
of over 45"  
spring tensioned  
built in feet

## Screen

OPAQUE  
DARK CHARCOAL



# VUETOUCH

(freestanding interactive kiosk)

The Vuetouch is a unique transparent touch screen kiosk, available with our DarkVue or HoloVue film.

Perfect for exhibition stands and receptions.

The Vuetouch is available as a collapsible or a semi permanent solution.

We can also provide the vuetouch as a screen only (without touch feature)



## Scenarios

*For example...*  
Perfect for receptions. Hotel foyer, exhibition stands and events

## Specification

Portable version is up to 46" touch foil  
Available in sizes up to 82"  
Clear acrylic stand  
full branding available

DarkVue  
DARK CHARCOAL

HoloVue Film  
88% TRANSPARENT

