



Screen-Tech®
the screen company

PRODUCT OVERVIEW



- projection screens
- sticky projection foils
- optical projection mirrors
- **3D**-glasses
- **3D**-polarizer filter



Screen-Tech®
the screen company

Screen-Tech

develops and sells since 1983:

projection screens | projection mirrors

3D glasses and 3D polarization filter

Content:

ST-Pro-X - acrylic glass rear projection screen, white

ST-Pro-DCF - acrylic glass rear projection screen, dark

ST-Mirror-Screen - mirror for TV or rear projection

ST-Pro-Trans - acrylic glass holo screen, transparent

ST-HDV - acrylic glass front projection screen, white

ST-LAN - self adhesive front and rear projection foils

ST-Flatscreen - rigid framed front projection screens

ST-Mirrors - optical projection mirrors, glass and foil

ST-Polarizer - 3D polarization filter and 3D glasses

[Specifications](#) | [AGB](#) | [Contact](#)

ST-Pro-X - 3D rear projection





ST-PRO-X

REAR PROJECTION SCREEN, ACRYLIC GLASS

REAR PROJECTION SCREEN

ST-Pro-X is the ultimate acrylic glass rear projection screen. Unsurpassed image brightness with very large viewing angle. The image is bright and clearly visible from every angle, no hot spot!

Such as all of our rear projection screens, the image is free of sparkle and any structure. The screen is matte on both sides and not foil laminated. Appropriate for use with projection-mirrors. No „ghosting" with passive 3D.

BETTER IMAGE QUALITY

The projected light is scattered uniformly in all directions thanks to the embedded micro lenses.

This enables the broadest viewing angle in this transmission class and the use of projectors with short focal lengths (F 1.2:1).

SOME PARTICULARITIES

- *noble optical acrylic glass*
- *all cuts up to 3,05 x 2,03 m*
- *10 year warranty*
- *suitable on both sides*
- *no abrasion and washable*

WHY ST-PRO-X

- **Pure bright and uniform image**
- **Preserving polarization (3D)**
- **Rigid screen, simple to mount**
- **Optionally with aluminum frame**
- **Very bright, 100% neutral colors**
- **For indoor and outdoor**
- **Curved mounting possible**
- **Very broad viewing angle**
- **Easy wet cleaning and UV-resistant**

Processing as:

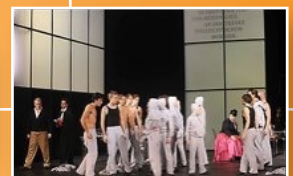
Sawing, boring, milling, sticking, screwing, warm deforming, curving...

Maximum size: 3050 x 2030 x 3 mm



ST-Pro-X - the solution for:

- Passive 3D applications with polarized light
- Home-Cinema, Touch-Table
- Exhibition, Shows, Museum, POS, Pub ...
- Simulator, Virtual Reality, Cave
- All fix installations, conference room



**ST-PRO-DCF**

REAR PROJECTION SCREEN, ACRYLIC GLASS

REAR PROJECTION SCREEN

ST-Pro-DCF is a special optical rear projector hard screen with only 0.8 mm thickness. This projection screen is dark gray tinted for highest contrast, brilliant colors and provide high resolution 4k UltraHD images.

This projector screen offers perfect black even in bright environments. One surface matte and resistant against cleaner and UV-light. Ideally for all high end and high resolution projections.

BETTER IMAGE QUALITY

Absolutely pure image quality without any structure or sparkling. This diffusion type screen is hot-spot-free with broad viewing cone. The image is created inside the screen and enabled strong contrast and very sharp projections.

Passive 3D ready with polarized light.

SOME PARTICULARITIES

- *noble optical acrylic glass*
- *all cuts up to 1.9 x 1.2 m*
- *10 year warranty*
- *anti reflective on one side*
- *no abrasion and washable*

WHY ST-PRO-DCF

- **4k UHD ready**
- **Preserving polarization (3D)**
- **Plan screen, simple to mount**
- **Optionally clamping profile to hang**
- **High contrast and brilliant colors**
- **For indoor and outdoor**
- **Curved mounting possible**
- **Broad viewing angle**
- **Easy wet cleaning and UV-resistant**

Processing as:

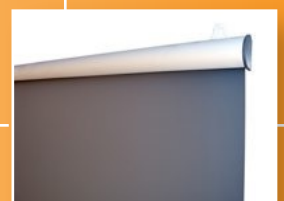
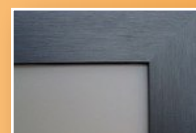
Sawing, boring, milling, sticking, screwing, warm deforming, curving...

Maximum size: 1900 x 1200 x 0.8 mm



ST-Pro-DCF - the solution for:

- 3D applications with polarized light
- Smaller projections, video transfer
- Exhibition, Shows, Museum, Shopping Center
- 4k UltraHD high resolution projection
- Mobile screen, home-cinema





ST-MIRROR-SCREEN

MIRROR FOR REAR PROJECTION OR TV SCREEN

NEW MIRROR DISPLAY

ST-Mirror Screen is a development from Screen-Tech. This mirror effect screen enables effective presentations with each monitor or projector. The image appears out of nowhere.

We manufacture every desired format. ST-Mirror-Screen delivered ready with black aluminum frame and two hanger. Usable for any TV screen or optionally for rear projection equipped with ST-Pro-X, or ST-Pro-DCF screen.

EYE CATCHER

Present it in a light room the mirror effect, which can be operated simultaneously with any TV screen behind it, or with any beamer for larger rear projection applications. The darker the room, the more dominating the image behind and the lower the mirror effect will be.

SOME PARTICULARITIES

- *For any TV screen or projector*
- *Dimensions up to approx. 3 m²*
- *Optionally for rear projection*
- *Black, silver or white aluminum frame*
- *Can be cleaned wet*

WHY ST-MIRROR-SCREEN

- **Lots of uses**
- **Preserving polarization (3D)**
- **Ready to use**
- **Noble design**
- **Mirror and screen combined**
- **Very special eye catcher**
- **All customer cuts**
- **For bright and dark ambient**
- **Lightweight and easy cleaning**

EASY HANDLING:

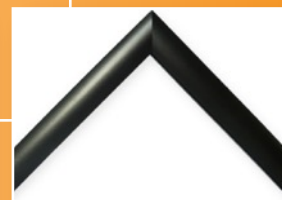
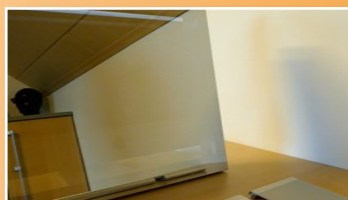
Unpack, hang up, or simply move in front of the TV screen. Wet cleaning with a soft cloth.



3-D
READY

ST-Mirror Screen is a highlight for:

- advertising
- as a mirror cover for all TV screens ...
- exhibition, museum, salesrooms ...
- special rear projection with mirror effect
- presentation in living rooms





ST-PRO-TRANS

REAR PROJECTION SCREEN, ACRYLIC GLASS

HOLD PROJECTION SCREEN

ST-Pro-Trans is a special clear transparent rear projection screen on which you can see through during the projection. The image is visible from both sides, but mainly a rear projection diffusion type screen.

The image is clear, sharp, bright and offers fair contrast even under brighter environments. Surfaces are semi-glare on both sides. The screen is to use for holographic effect projections.

BETTER IMAGE QUALITY

Absolutely pure image quality without any structure or sparkling. This diffusion type screen is hot-spot-free with broad viewing angle. The image is created inside the screen, not laminated and enabled brilliant color projections with any projector. 3D ready with polarized light.

SOME PARTICULARITIES

- *no special projector angle necessary*
- *all cuts up to 3,05 x 2,03 m*
- *10 year warranty*
- *suitable on both sides*
- *no abrasion and washable*

WHY ST-PRO-TRANS

- **Pure picture, no scintillation**
- **Preserving polarization (3D)**
- **Rigid screen, simple to mount**
- **Optionally with aluminum frame**
- **Clear transparent**
- **For indoor and outdoor**
- **Curved mounting possible**
- **See through effect**
- **Easy wet cleaning and UV-resistant**

Processing as:

Sawing, boring, milling, sticking, screwing, warm deforming, curving...

Maximum size: 3050 x 2030 x 3 mm



ST-Pro-Trans - the solution for:

- Passive 3D applications with polarized light
- Special-holographic-effect projection
- Exhibition, Shows, Museum, Shopping Center...
- see through projection
- TV-Studio



**ST-HDV**

FRONT PROJECTION SCREEN, ACRYLIC GLASS

ST-HDV - HARDSCREEN

ST-HDV is the very first patented acrylic glass front projection screen, created by Screen-Tech. Titanium dioxide white, the whitest white in the world, makes this screen to unique upper class reference screen.

ST-HDV is a alternate to standard fixed frame screens and a highlight because of the noble acrylic, for all presentations or naturally at home cinemas and for touch screen applications.

BETTER IMAGE QUALITY

ST-HDV Screen provide incomparably HD quality, especially through the micro fine-matte surfaces on each side and the titanium white color. You can use the screen from both sides. No yellowish or formation of wrinkles which was knowing from flexible fabrics.

SOME PARTICULARITIES

- *noble acrylic glass*
- *all cuts up to 3,05 x 2,03 m*
- *10 year warranty*
- *suitable on both sides*
- *no abrasion and washable*

WHY ST-HDV?

- **Pure and neutral picture**
- **Flat surface for touchscreen**
- **Rigid screen, simple to mount**
- **Optionally clamping profile to hang**
- **Titanium dioxide white**
- **For indoor and outdoor**
- **Curved mounting possible**
- **Viewing angle without limit**
- **Easy wet cleaning and UV-resistant**

Processing as:

Sawing, boring, milling, sticking, screwing, warm deforming, curving...

Maximum size: 3050 x 2030 x 3 mm

Touch table / BMW World



ST-HDV - the solution for:

- Highest requirement for neutral image
- Home-Cinema
- Exhibition, Shows, Museum, Shopping Center
- Simulators, Conference room
- Touchscreen





ST-LAN-COLLECTION

FRONT-/ REAR PROJECTION FOILS, SELF ADHESIVE

DESCRIPTION

ST-LAN is a range of self-adhesive projection screen foils to stick onto all smooth surfaces, such as hardboard, glass, plastics ...

The films are very resilient, have matte finishes and can use inside as well as outside.

The material is supplied in roll width and can be easily cut itself with a cutter knife, or scissors.

BETTER IMAGE QUALITY

The optical properties of the screens are optimized for various specific applications and let other screens look pale. Simple bubble-free wet bonding with squeegee and a mild detergent.

ST-LAN - the new generation of adhesive projection screen foils.

SOME SPECIAL FEATURES

- *easy handling*
- *from roll, simple for self-cutting*
- *temperature stable, inside/outside use*
- *to glue wet or dry*
- *durable matte finish*

WHY ST-LAN

- **ultra sharp pure bright image**
- **self adhesive, simple mounting**
- **for passive 3D with polarization**
- **neutral colors**
- **for indoor and outdoor**
- **2 years warranty**
- **high resolution, suitable for 4k**
- **easy to clean**

TYPES:

ST-LAN-R, rear projection, standard white
ST-LAN-XR, rear projection for 3D, bright
ST-LAN-F, front projection, standard white
ST-LAN-S, front projection, high contrast
ST-LAN-HS, front projection for 3D, bright

Roll widths from 123 cm to 135 cm



ST-LAN - the solution for:

- Front and rear projection such as shop window projection
- Touchscreen, Simulators, Conference Room
- Fairs, Exhibitions, Museums, Showrooms, Home Theater, POI
- Also for short-throw projectors (LAN-R and LAN-F)





ST-FLATSCREEN

FRONT PROJECTION PANEL, LAMINATED

FRONT PROJECTION SCREEN

ST-Flatscreen is a rigid front projection screen, created by Screen-Tech. This robust hard screen is designed for toughest jobs, as exhibitions, rent, simulators, touch screen and especially for home theatre...

ST-Flatscreen is available with following coating types:

LAN-F, neutral white, for short throw lens

LAN-S, high contrast

LAN-HS, passive 3D

BETTER IMAGE QUALITY

All this types optimize your projections and improve the main applications with any projector. ST-Flatscreen provides an absolutely flat and perfect surface with unique images results. Type ST-LAN-F is also for short through projectors.

SOME PARTICULARITIES

- *high resistant and washable surface*
- *all cuts up to 3,05 x 1,5 m*
- *variable projection surfaces*
- *rigid panel for fixed installation*
- *Abrasion and scratch resistant*

WHY ST-FLATSCREEN

- **Pure picture for HD and 4k UHD**
- **With all ST-LAN surfaces available**
- **Rigid screen, simple hang up**
- **Noble design, framed or unframed**
- **High contrast and neutral colors**
- **For indoor and outdoor**
- **Big sizes in side by side mounting**
- **Broad viewing angle**
- **Easy wet cleaning and UV-resistant**

Processing as:

Sawing, riveting, milling, sticking, screwing, cold bending, curving...

Maximum size: 3050 x 1500 x 3 mm

**3-D
READY**



ST-Flatscreen - the solution for:

- 3D applications, Simulators
- Home-Cinema, Daylight
- Exhibition, Shows, Museum, Shopping Center
- Fix installation, Conference, POS
- Touchscreen





ST-PROJECTION MIRRORS

OPTICAL FOIL AND GLASS SURFACE MIRRORS

OPTICAL DEFLECTING MIRROR

ST-projection mirrors are made from float glass, or a brilliant reflector foil stretched around a aluminum frameworks. For highest reflection with any projector. Both reflector types have similar optical characteristics and show only mechanical differences.

ST-GS for wet cleaning.

ST-AV-HS foil mirrors are light weights and unbreakable, but sensitive surface.

IMAGE QUALITY

Front surface mirrors with around 94 % reflection and absolutely free of double images.

So it's possible to reduce the projection depth drastically without using expensive wide angle objectives and obtain image quality.

SOME SPECIAL FEATURES

- *highly reflective surface of $R = 94\%$*
- *all cuts up to 600×200 cm*
- *no ghosting, double images*
- *suitable for any projectors*
- *also available trapezoidal*

WHY ST - PROJECTION MIRRORS

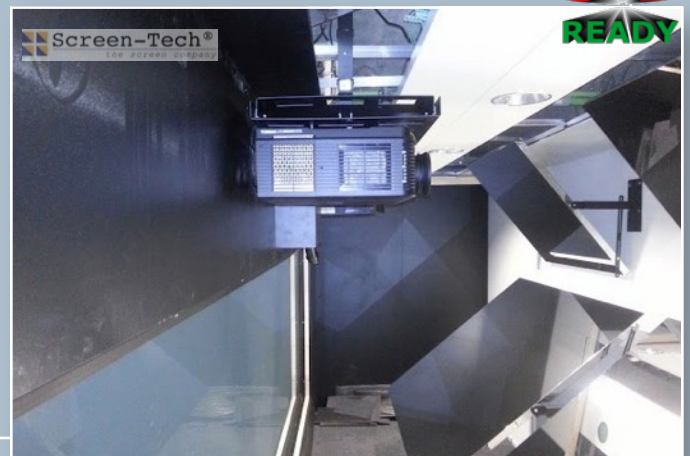
- **To shorten the projection distance**
- **Polarization preserving (3D)**
- **Flat plate, easy installation**
- **Save short throw lenses**

ST-GS - OPTICAL GLASS MIRROR

- Cuts up to 330×188 cm
- Thickness float 3 or 5 or 6 mm
- Coated on one side with AL + SiO₂
- 94% reflection - 45° at 550 nm
- Edges chamfered
- Wet cleaning with a soft cloth

ST-AV-HS - FOIL MIRROR

- Cuts up to 600×200 cm
- Aluminum frame thickness 20 or 40 mm
- Light weight, only 2.2 kg / m²
- Corrosion resistant, temperature stable
- 94% reflection - 45° at 550 nm
- Optionally bore holes to mounting

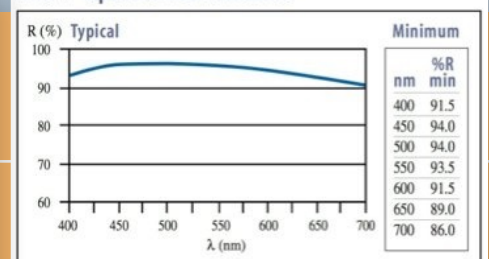


ST-projection mirror - the solution for:

- Light deflection in beamer projection
- To reduce installation depth
- Exhibition and Presentation
- Scanners, Copiers, Overhead
- Photo Optics, Home Theatre



HR94™ Spectral Performance





ST-POLARIZING FILTER

LINEAR AND CIRCULAR POLARISER FILTERS

ST-38 - LINEAR Polariser Filter

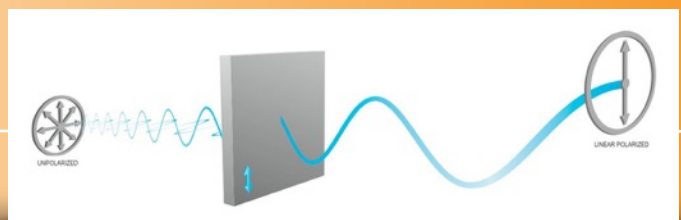
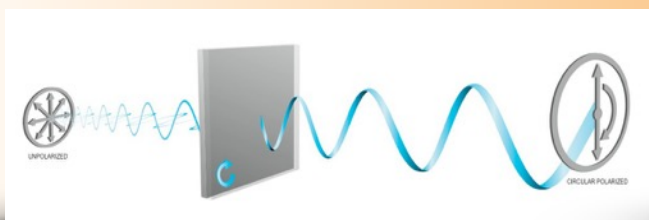
Type	Size mm	Price €	Specifications - Wavelength 400 -700 nm	
ST-38-40FB, oder -FHT	100 x 100 x 0,4	18,00 €/pc.	Transmission T	F, V, 42,6%, +/- 2, 1 filter
ST-38-40FB, oder -FHT	200 x 200 x 0,4	72,26 €/pc.	Transmission T	36,4%, 2 filter parallel
ST-38-40FB, oder -FHT	300 x 300 x 0,4	162,18 €/pc.	Transmission T	0,001%, 2 filter crossed
ST-38-40FB, oder -FHT	900 x 600 x 0,4	970,59 €/pc.	Transmission T	40FHT, 40%, 1:5.000
ST-38-33G (45°/135°)	100 x 100 x 3,3	399,00 €/set	Transmission T	33G, 45%, 1:10.000
ST-38-33G (45°/135°)	150 x 150 x 3,3	533,00 €/set	Transmission T	33GHT, 45%, 1:5.000
ST-38-33G (45°/135°)	210 x 210 x 3,3	660,00 €/set	Extinction Ratio	>99,99%, 1:30.000
ST-38-33GHT (45°/135°)	100 x 100 x 3,3	479,00 €/set	Humidity	60° x 90% RH x 500h
ST-38-33GHT (45°/135°)	150 x 150 x 3,3	598,00 €/set	Temperature G / HT	-40° / +80° / +100° x 500h
ST-38-33GHT (45°/135°)	210 x 210 x 3,3	755,00 €/set	Angulation Type G	45°/135° to the edge
ST-38-V (45°/135°)	100 x 100 x 0,8	30,25 €/pc.		
ST-38-V (45°/135°)	135 x 100 x 0,8	40,84 €/pc.	Angulation Type F /FHT	0°/90° to the edge
ST-38-V (45°/135°)	200 x 135 x 0,8	81,68 €/pc.	Angulation Type FR	0°/90° to the roll edge
ST-38-20V (45°/135°)	410 x 263 x 0,2	48,00 €/pc	Angulation Type V	45°/135° to the edge
ST-38-20FR (0°/90°)	710 x 100 x 0,2	16,39 €/pc.	Roll width 710 mm	FR = cutting from roll

Legend: **Type F, V** = Foil, unit price; **Type FR** = from roll; **Type B** = Broadband; **Type HT** = Temperature stable up to 100°C

ST-37 - CIRCULAR Polariser Filter


Type	Format mm	Price €	Specifications - Wavelength 400 -700 nm	
ST-37-25F	100 x 100 x 0,3	64,00 €/set	Transmission T	Foil 42%, 0/-2, 1 filter
ST-37-25F	200 x 200 x 0,3	128,00 €/set	Transmission Double	>0,05 (560 nm)
ST-37-25F	300 x 300 x 0,3	196,00 €/set	Transmission T	33GB 46%, +/-2, 1 filter
ST-37-25F	400 x 400 x 0,3	272,00 €/set	Polarisationsgrad	>99,9%, 1:7.500, 1:9.000
ST-37-33GB	100 x 100 x 3,3	498,00 €/set	Temperatur	-40° / +80° x 500h
ST-37-33GB	150 x 150 x 3,3	680,00 €/set	Feuchte	60° x 90% RH x 500h
ST-37-33GB	210 x 210 x 3,3	840,00 €/set	Winkelung	0°/0° RealD compatible

All set pricing (L+R); Type F = foil filter; Type GB = glass filter laminated



**ST-3D-GLASSES**

LINEAR, CIRCULAR, ANAGLYPH

3D-Glasses - linear, circular, anaglyph								
3D polarizer glasses, paper white, linear 45°/135°	Qty.	1	10	25	50	100	250	500
	€ / pc.	0,80	0,75	0,70	0,59	0,49	0,44	0,39
3D anaglyph glasses, red/green, red/cyan, red/blue or red/red Pulfrich (TV)								
3D polarizer glasses, paper white, linear 0°/90°	Qty.	1	50	100				
	€ / pc.	1,00	0,95	0,90				
3D polarizer glasses, paper white, circular 0°/0° (RealD)	Qty.	1	10	25	50	100	250	500
	€ / pc.	1,50	1,20	1,00	0,90	0,85	0,82	0,80
3D glasses, Theme Park Style, linear 45°/135°, or circular 0°/0° plastic black, fixed ironing	Qty.	1	10	50	100	250		
	€ / pc.	3,90	3,60	3,20	2,80	1,90		
3D glasses, Classic Style, circular 0°/0° (RealD) plastic black, folding ironing	Qty.	1	5					
	€ / pc.	8,90	7,50					
3D glasses, Theatre Style, linear 45°/135°, or circular 0°/0° plastic black, folding ironing	Qty.	1	10	50	150	500		
	€ / pc.	3,90	3,60	3,20	2,80	1,90		
3D glasses, Aviation Style, circular 0°/0° linear 45°/135°	Qty.	10	25					
	€ / pc.	30,00						
	€ / pc.		11,60					
3D glasses, Clip-On, linear 45°/135°, or circular 0°/0° for eyeglass wearer	Qty.	1	5					
	€ / pc.	6,90	5,50					
3D anaglyph glasses red/cyan, acrylic glass filter, plastic black, folding ironing	Qty.	1	5	10				
	€ / pc.	5,90	5,40	4,90				
Other types and quantities on request								

- linear paper white, 45 ° / 135 ° (V-angulation) or 0 ° / 90 ° (L-angulation)
- circular paper white (compatible RealD) 0 ° / 0 °
- linear or circular, „Theme Park Style“, black plastic, fixed ironing
- circularly „Classic Style“, black plastic, folding ironing
- linear or circular, „Theatre Style“ & „Aviation Style“, black plastic, folding ironing
- linear or circular, clip-on for eyeglass wearers
- anaglyph glasses, acrylic glass filter, black plastic, folding ironing

SPECIFICATIONS

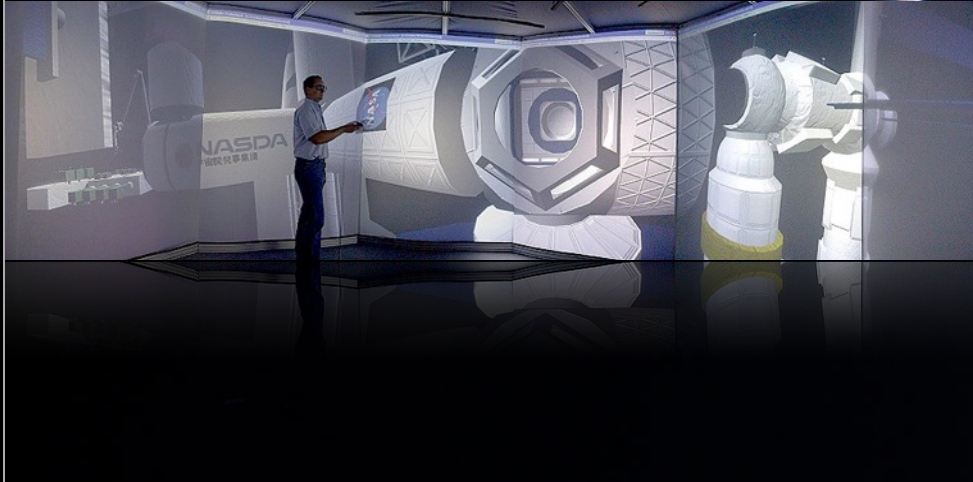
	ST-Pro-X	ST-Pro-Trans	ST-Pro-DCF	ST-HDV
Front projection	no	***	no	*****
Rear projection	*****	*****	*****	no
Sizes in inches	up to 120" x 80"	up to 120" x 80"	up to 74.8" x 47.24"	up to 120" x 80"
Brightness	*****	*****	***	***
Contrast	**	***	*****	**
Viewing angle	*****	***	*****	*****
Passiv 3D	*****	*****	yes	no
Color	white	transparent	dar grey	white
Fire class	B2	B2	B2	B2

	ST-LAN-R	ST-LAN-XR	ST-LAN-F	ST-LAN-S	ST-LAN-HS
Front projection	**	*	*****	*****	*****
Rear projection	*****	*****	**	*	*
Roll width inch	53"	48.5"	49.6"	48"	49.6"
Brightness	***	*****	***	*****	*****
Contrast	**	***	**	*****	*****
Viewing angle	*****	**	*****	***	**
Passiv 3D	no	*****	no	**	*****
Color	white	white	white	silver gray	silver gray
Fire class	B1	B1	B1	B1	B1

Flatscreen Types	ST-LAN-F	ST-LAN-S	ST-LAN-HS
Front projection	*****	*****	*****
Rear projection	no	no	no
Sizes in inches	up to 118" x 59"	up to 118" x 59"	up to 118" x 59"
Brightness	***	*****	*****
Contrast	**	*****	*****
Viewing angle	*****	*****	***
Passiv 3D	no	**	*****



Screen-Tech®
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