



SPECTRO SCREEN

CUSTOMER SATISFACTION
TOP QUALITY
REASONABLE PRICE



CUSTOMER SATISFACTION
TOP QUALITY
REASONABLE PRICE

VISION & MISSION

Beyond the view

Experience Beyond the View
through Cutting-Edge Technology.



CUSTOMER SATISFACTION



TOP QUALITY



REASONABLE PRICE

CEO GREETING



Spectro Screen has specialized in manufacturing cinema screens since 1995, and has constantly evolved with advanced technology.

Spectro Screen has manufactured a variety of screens, each of which must be customized to operate optimally in unique settings and environments such as movie theatres, theatres, offices, religious buildings, schools, exhibition venues, and live events to name a few.

The dynamic demand from these various clients has helped Spectro Screen constantly challenge itself to find innovative solutions to improve further.

Such unparalleled experience and technical skills gave the impetus for Spectro Screen to effectively compete in the global market with its top quality screens and competitive pricing which can only be achieved through the efficient and innovative production methods that are unique to Spectro Screen.

Spectro Screen never ceases to try to further improve the quality of its products through incessant Research and Development efforts to become the industry leader in the global market.

Moreover, and most importantly, at Spectro Screen we regard our clients with the highest priority and focus on customer satisfaction by promising to deliver the highest quality possible at reasonable prices.

Thank you.

President / CEO
Heon-Hyu Kim

HISTORY & CERTIFICATES



1995 ~ 2000

- Foundation
- Developed the Standard Perforation 1,2mm(SP) Piercing Machine

2001 ~ 2010

- Starting producing the nation's first fireproof screens
- Developed the Mini Perforation 0,6mm(MP) Piercing Machine
- Production of the World's largest cinema 3D silver screen(32X13m) and recorded in the guinness book
- Build a new 32000x17000mm coating factory

2011 ~ Present

- Developed the industry's first Single Cell 3D Modulator
- Launched the brand new SPECTRO R&D Centre
- Extension of the coating factory
- Production of the nation's largest IMAX 3D screen(25x18,7m)
- SPECTRO R & D Centre has been authorized by the Korea Industrial Technology Association(KOITA)
- Developed the Digital Perforation 0,8mm(DP) Piercing Machine
- Developed & Launched PRIMA SILVER(High HGA) screens

Patents

- KR Patent No. 10-1503908
- KR Patent No. 10-1611561

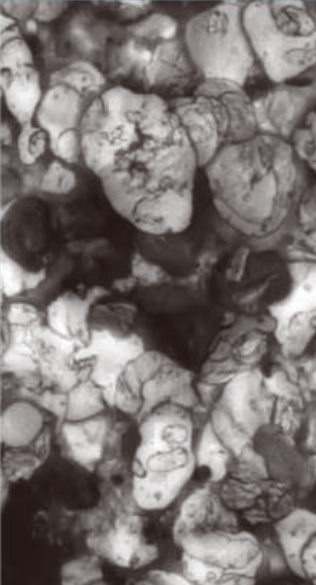
Certificates of Authentication

- Clean work place
- INNO-BIZ
- ISO 9001
- ISO 14001
- R & D Centre
- Venture Business

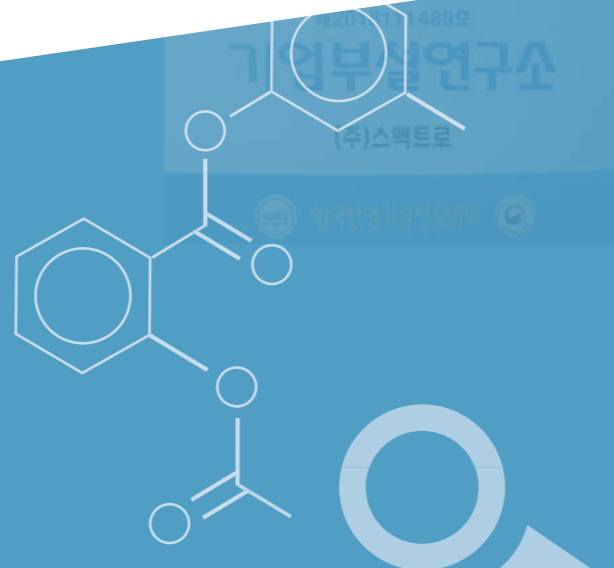
Certificates of Fire Resistance

- CHINA NFTC
- FRANCE M2
- JAPAN JFRA
- KOREA KOFEIS 1001
- USA NFPA 701

* Additional certification available upon clients' request



R & D



At Spectro R&D Centre we strive with unsparing investment to engage in restless experiments and research in order to constantly improve the quality and innovation of our products.

We trust that the invaluable experience and information gained through such research activities make Spectro Screen a more competitive and reliable company.

At Spectro Screen, we strive to become the trend-setting industry leader as we uphold three key attributes at all times in all we do:

“Positive Thinking, Welcoming Challenges, and Passion”

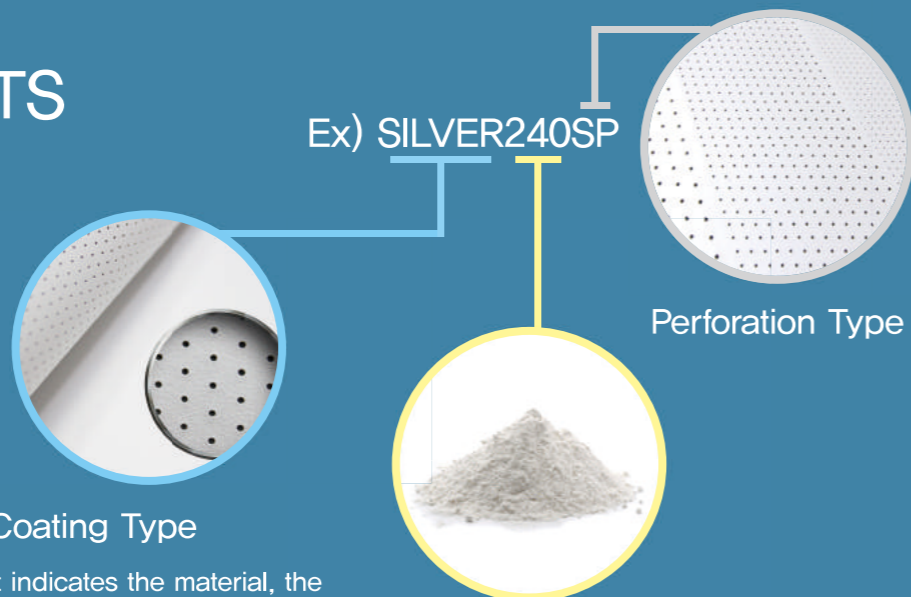


Global Standard Quality

We have been manufacturing and distributing high quality cinema screens around the globe, and we have been recognized for the high standards that our top quality screens adhere to by clients around the world. Spectro Screen will not rest until we reach out to every corner of the world so that more nations enjoy our quality screens and service.

ABOUT PRODUCTS

The nomenclature and meaning of various screens



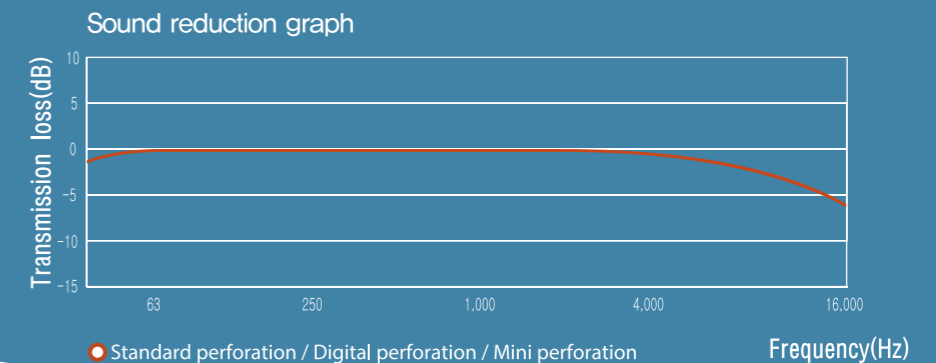
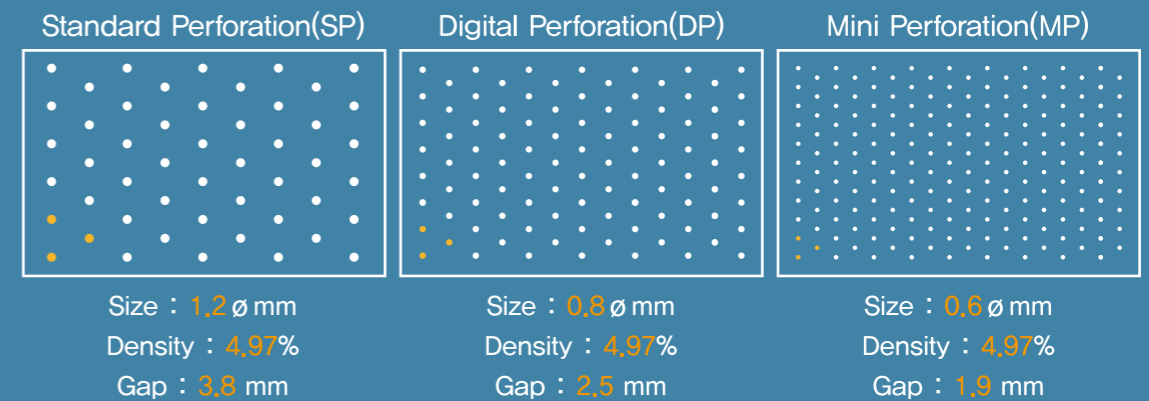
Coating Type
It indicates the material, the type of coating, or function of the screen.

GAIN
Compared to a standard white(magnesium oxide) board as the base(Gain 1.0), this product reflects 240% more light. This term(Gain) is commonly used to refer to the brightness of a screen.

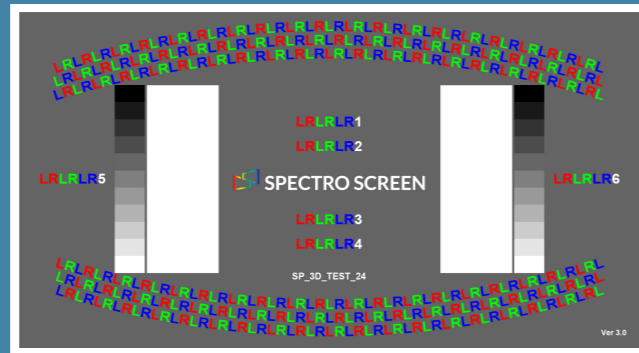
Perforation Types

Depending on the size of the perforation, there are three types: SP (Standard) / DP (Digital) / MP (Mini). The sizes of the perforation are as follows: 1.2mm for SP / 0.8mm for DP / 0.6mm for MP. Unlike other products available in the market, all screens manufactured by Spectro Screen have identical perforation density, thereby providing the same sound permeability across all models.

The key to most effectively reducing the Moiré fringe is to minimize the 'interference area' between the projector's pixel grid and the perforations on the screen. Other companies have generally succeeded only in reducing the perforation sizes on their screens. On the other hand, Spectro's DP screens also boast minimal perforation intervals, which in turn, significantly help minimize the interference area. Therefore, Spectro's DP screens effectively reduce the Moiré fringe that is prevalent in SP screens better than any other company does.



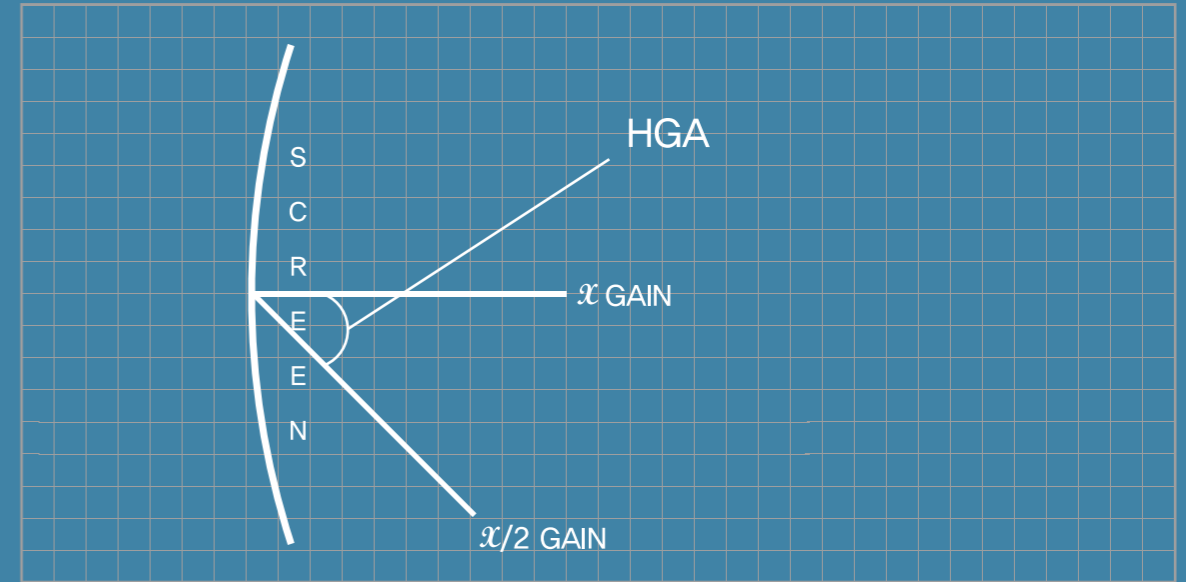
ABOUT PRODUCTS



What is SNR?



SNR is an abbreviation for "Signal to Noise Ratio" which is also referred to as Cross Talk. This value is used to measure the 3D projection capability for silver screens. The higher SNR a screen possesses, the clearer image that is deep and free of distortion the screen is capable of projecting.

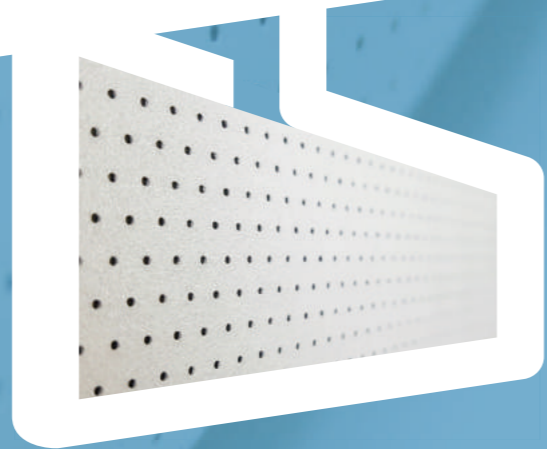


What is HGA?

HGA is the abbreviation of Half Gain Angle, and this term is a commonly used indicator to estimate the viewing angle. At this angle the center of the picture appears to be half as bright (the Gain value drops 50%) as when viewed from the center zero degree viewing axis.

PRIMA SILVER SERIES

PREMIUM 2D, 3D HYBRID SCREENS
190 / 220 / 250



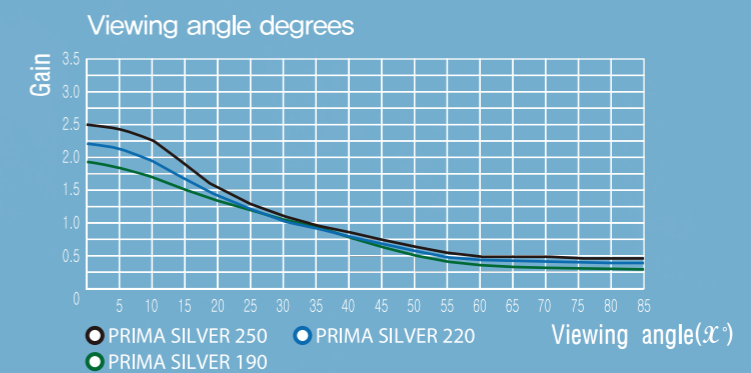
This product is the Next Generation 3D Silver Screen that dramatically improves upon the previous models' narrow viewing angle. Spectro Screen takes great pride in this new product as it is a product of many years of R & D.

It boasts a maximum HGA of 34 degrees which contributes to the dramatic reduction of the hot-spot phenomenon. Moreover, this product has excellent overall uniformity and superb Color Reproduction Range and SNR.

This product is suitable for both 2D and 3D projection, and is ideal for 3D contents that require a wide viewing angle.

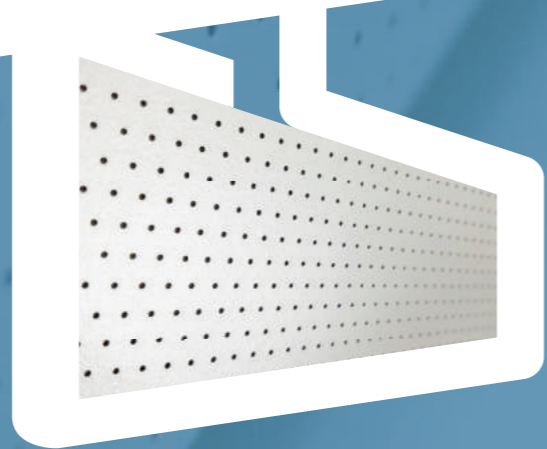
TECHNICAL SPECIFICATIONS

Maximum size	34 x 18,7m
Gain	1,9, 2,2, 2,5
HGA	34°, 30°, 28°
SNR	140, 170, 195
Cloth material	PVC(Fire-proof)
Cloth width	1,4m
Thickness	0,3mm
Weight	0,52kg/m ²
Eyelet spacing	151~210mm(Adjustable)
Adjoining method	High-frequency adjoining(Seamless)
Perforation size	SP(1,2mm) / DP(0,8mm) / MP(0,6mm)
Perforation density	4,97%



SILVER SERIES

3D SILVER SCREENS
240 / 300 / 330

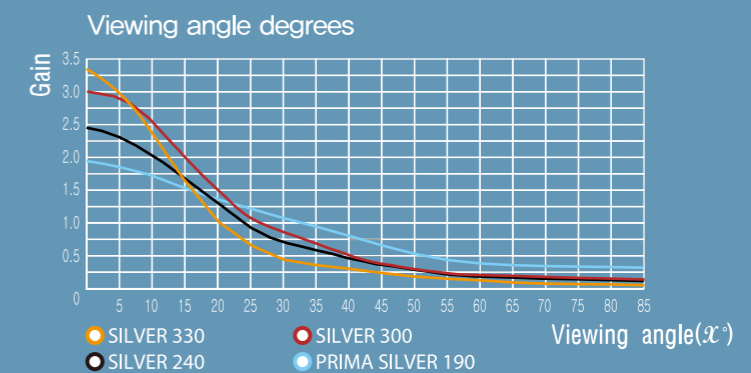


The Silver Series is comprised of 240, 300, 330 models depending on its GAIN value, and all of them can be used for 2D and 3D projection.

The improved contrast, uniformity, and SNR makes watching dynamic 3D contents a comfortable experience.

TECHNICAL SPECIFICATIONS

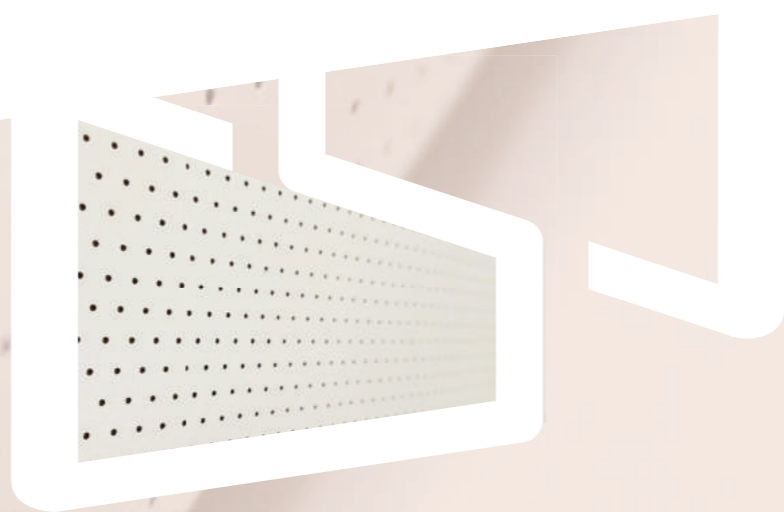
Maximum size	34 x 18,7m
Gain	2,4, 3,0, 3,3
HGA	22°, 20°, 17,5°
SNR	190, 250, 275
Cloth material	PVC(Fire-proof)
Cloth width	1,4m
Thickness	0,3mm
Weight	0,52kg/m ²
Eyelet spacing	151~210mm(Adjustable)
Adjoining method	High-frequency adjoining(Seamless)
Perforation size	SP(1,2mm) / DP(0,8mm) / MP(0,6mm)
Perforation density	4,97%



PEARL SERIES

ADVANCED 2D SCREENS

110 / 130 / 140 / 180 / 220

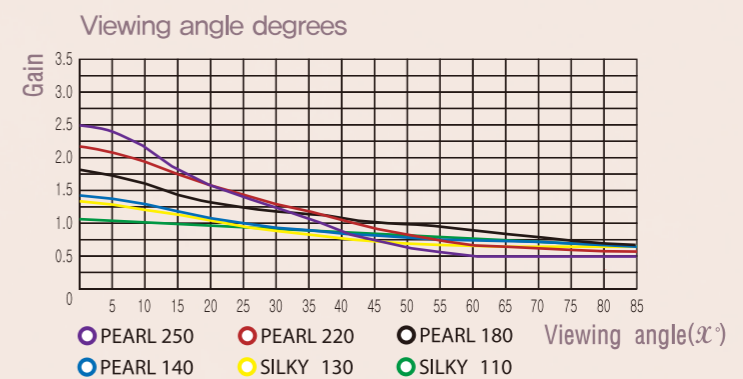


The Pearl Series is comprised of 110, 130, 140, 180, 220, 250 models depending on its GAIN value.

They provide high contrast, brightness and wide viewing angle, and they are most widely used in theatres and other settings alike.

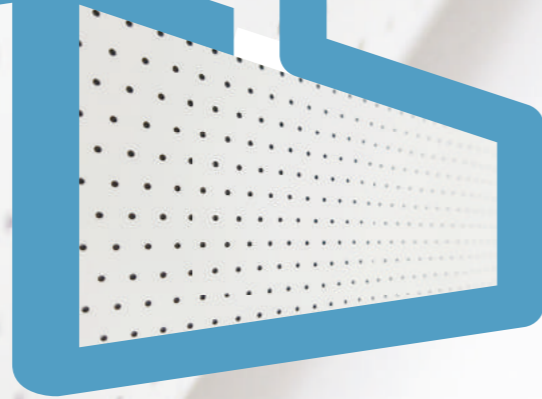
TECHNICAL SPECIFICATIONS

Maximum size	34 x 18.7m
Gain	1.1, 1.3, 1.4, 1.8, 2.2, 2.5
HGA	N/A, 75°, 70°, 55°, 40°, 30°
Cloth material	PVC(Fire-proof)
Cloth width	1.4m
Thickness	0.3mm
Weight	0.52kg/m ²
Eyelet spacing	151~210mm(Adjustable)
Adjoining method	High-frequency adjoining(Seamless)
Perforation size	SP(1.2mm) / DP(0.8mm) / MP(0.6mm)
Perforation density	4.97%



WHITE SERIES

HOT-SPOTLESS FRONT SCREENS
GRAY 90 / MATT WHITE / WHITE 100

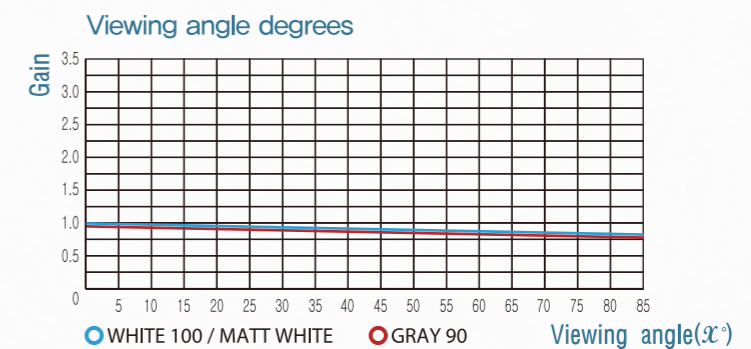


The White Series is comprised of Gray 90, Matt White, White 100 models depending on its GAIN value.

Their highest viewing angles provide same video quality in any seating positions.

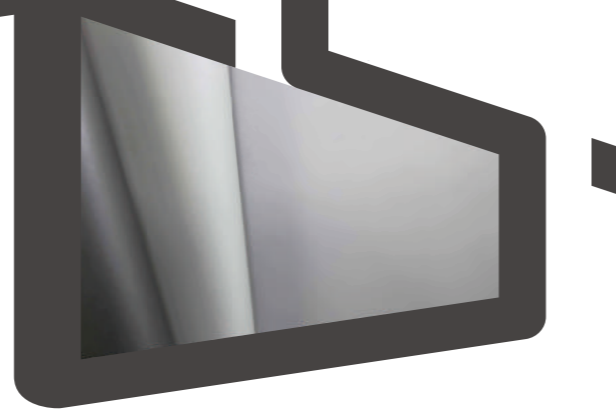
TECHNICAL SPECIFICATIONS

Maximum size	34 x 18,7m
Gain	0,9, 1,0, 1,0
HGA	N/A
Cloth material	PVC(Fire-proof)
Cloth width	1,4m
Thickness	0,3mm
Weight	0,52kg/m ²
Eyelet spacing	151~210mm(Adjustable)
Adjoining method	High-frequency adjoining(Seamless)
Perforation size	SP(1,2mm) / DP(0,8mm) / MP(0,6mm)
Perforation density	4,97%



REAR SERIES

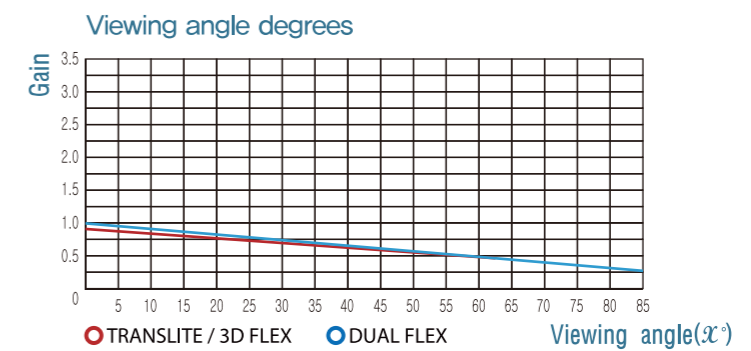
REAR PROJECTION SCREENS
DUAL FLEX / TRANSLITE / 3D FLEX



TECHNICAL SPECIFICATIONS

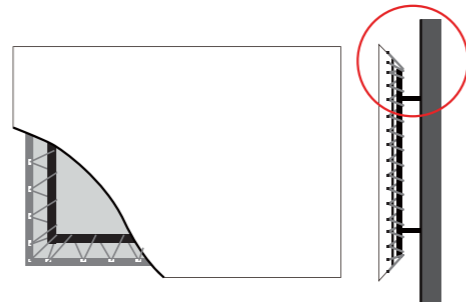
Gain	0.9, 1.0, 1.0
HGA	65°, 60°, 60°
Cloth material	PVC(Fire-proof)
Cloth width	1.4m ~ 4.8m
Thickness	0.3mm
Weight	0.52kg/m ²
Eyelet spacing	151~210mm(Adjustable)

The Rear Series can be used when there is a constraint with the distance between the projector and the screen or when the various projector light sources are to be avoided.



FRAMES

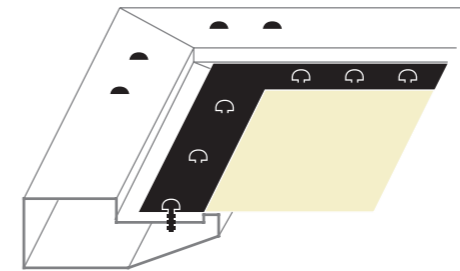
WRAP ROUND FRAME



Material : STEEL

- Most ideal to medium and large size screens
- Available to manufacture upon customers requirements
- Wrapping the edges of frame with the screen, thus ensuring the widest possible projection
- No masking is necessary

FLAT PACK FRAME



Material : Aluminum(black velvet finishing)

- Ideal for medium sized indoor wall screen(100 ~ 350")
- Insert and assemble type frame
- Maintains the best flatness
- Light and strong
- Available to use in portable screen by easily attaching legs

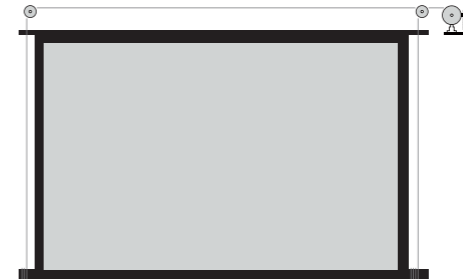
MOTORIZED SCREENS

MOTORIZED(TAB-TENSION) SCREEN
A-TYPE



- Available to install all type of screens(~500" for 16:9)
- Provides accurate projection of the image to the screen
- Tension function at the right and left sides of the frame ensures the best flatness of the screen
- Smoothly operated and trouble-free electric motor(Somfy)

MOTORIZED(TAB-TENSION) SCREEN
B-TYPE



- Available to install all type of screens
- Various electrically operated screens(3 to 20m)
- Provides accurate projection of the image to the screen
- Smoothly operated and trouble-free electric motor(Somfy)

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