SHIDAI

USER MANUAL

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Guangzhou Gangshen New Material Co., Ltd

Company
Profile

Guangzhou Gangshen New Material Co., Ltd was founded in 2016, which specializes in the research and development, production, sales on new advertising materials, is a globally operated and comprehensive technology wholly-owned company of Creative Era Group. The company mainly manufactures Inkjet Media (Self-adhesive Vinyl, Cold Laminating Film, One way vision...), Boards materials (PVC foam board, PMMA Acrylic sheet...) and Luminous products (Neon light, light box...), and other advertising products.

Up to now, Gangshen covers an area of 75 acres and is equipped with 20,000 square meters modern production base, dust-free workshop, fully automatic production line, testing center, intelligent warehouse logistics center and others. Also a provincial research and development center has been established and foreign advanced technology has been introduced. Production bases have been set up in Guangzhou, Foshan, Huizhou and other places successively with totally more than 800 employees now. The company has passed ISO90001 quality system certification and the products have reached the international advanced level through the integration of global supply chain and continuous optimization and improvement of quality system.

We have entered the supply system of more than 80 directly operated factories of the parent company Creative Era Group in mainland depend on reliable quality , and at the same time, we serve thousands of channel distributors in domestic and international markets. Our products have been verified by a large number of practical applications. The company empowers brand agents through global trade shows continually. So far, the products are exported to more than 80 countries.

In the future, Gangshen will continue to provide the most professional products to customers under unremitting exploration and innovation!

INKJET MEDIA

Product Description

Self-Adhesive Vinyl was originally designed for outdoor advertising, making it a perfect choice formost of outdoor scenes. Now, with removable adhesive, is it able to turn means of transportation such as shuttle, subway into moment and personalized display media. We offer various kinds of self adhesive vinyl with different functions, including:

1、Finish: High glossy, matte, transparent

2、Adhesive Type:

Removable Clear/Black/Grey

Permanent Clear/ Black/Grey

3、Specific function:

Flame-retardant, bubble-free and other customized functions according to your requirement

Configuration

Product Name	Finish	Adhesive Type	PVC Film(Mil)	Liner(g/m2)
Yd3014High Glossy Removable SA Vinyl	High Glossy	Removable White/black/grey	4	140
165 Matte Removable Bubble-free S/A Vinyl	Matte	Removable White/black/grey	4	140
D1614 Glossy Bubble-free S/A Vinyl	Glossy	Removable Clear	3.8	140
Clear Self-adhesive Vinyl	Transparent	Permanent Clear	3.2	120
812 Self-adhesive Vinyl	Glossy Matte	Permanent Clear/black/grey	3	120
1012 Self-adhesive Vinyl	Glossy Matte	Permanent Clear/Black	3.8	120
1216 Self-adhesive Vinyl	Glossy Matte	Permanent Clear/Black	3.8	140
Yd140 Glossy Self-adhesive Vinyl	Glossy	Permanent Clear/Black	2.8	120
1214 Self-adhesive Vinyl	Glossy Matte	Permanent Clear/Black	3.5	120
S3012 Glossy Removable SA Vinyl	Glossy	Permanent Clear/Black	3.5	120

COLD LAMINATING FILM SERIES

Product Description

Applying laminating film on photo or printing pictures to avoidscratches, contamination or getting wet, so as to protect the picturesand improve the texture of the pictures.

Application

The application scene of protective film is complimentwith the application range of printing picture materials,including display board display, POP display, bus, taxisubway, train, aircraft interior and exterior decorationcar stickers, also includes the display of glass window,wall, ground, light box and other pictures.

Configuration

Product Name	Finish	Adhesive Type	PVC Film(Mil)	Liner(g/m2)
45mic Cold Lamination	Glossy/Satin	Permanent Clear	1.8	82
50mic Cold Lamination	Glossy/Matte	Permanent Clear	2	82
60mic Cold Lamination	Glossy/Matte	Permanent Clear	2.4	82
80mic Cold Lamination	Glossy/Matte	Permanent Clear	3.2	100
100mic Cold Lamination	Glossy/Matte	Permanent Clear	4	100
Eco-Friendly PVC-Free Film	Glossy/Matte	Permanent Clear	2mil CPP	0.5milPET
200 Matte Floor Graphic	Matte transprent, skid-resistant, textured surface	Permanent Clear	5.1	100
210G-A Matte Floor Graphic	Matte transparent, skid-resistant, textured surface	Permanent Clear	6.7	100
250 Floor Graphic Cross	Matte transparent, skid-resistant, textured surface	Permanent Clear	5.7	100
Anti-Skid Floor Graphic(Gross)	Matte transparent, skid-resistant, textured surface	Permanent Clear	7	100
Printable Cold Laminating Film	Matte transparent	Permanent Clear	5.3	120
Printable Cold Laminating Film	Matte transparent	Permanent Clear	4.3	100
No.15 Self-adheisve PET Crystal Film	Glossy	Permanent Clear	5.3	0.5milPET

PERFORATED FILM

Product Description

Self-Adhesive Vinyl was originally designed for outdoor advertising, making it a perfect choice formost of outdoor scenes. Now, with removable adhesive, is it able to turn means of transportation such as shuttle, subway into moment and personalized display media. We offer various kinds of selfadhesive vinyl with different functions, including:
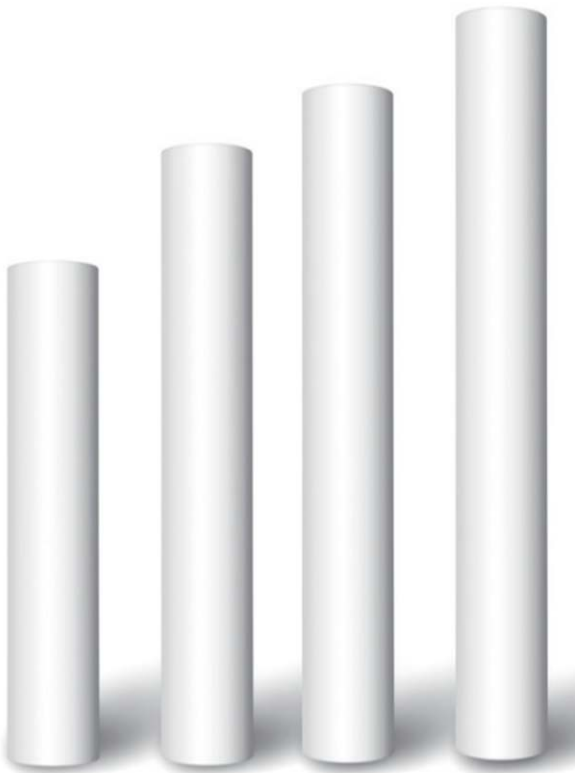
Configuration

Product Name	Finish	Light Transmitence	Hole Size(mm)	PVC Film (Mil)	Liner (g/m2)	Printability
1416 perforated Film	Gloss	30%	1.5	4.7	140	Solvent/UV/ Eco-Solvent

Product Description

Glossy photo paper is a type of printing paper that is designed specifically for printing photos. Its glossy surface gives the printed images a professional, high-quality look and feel This paper is known for its ability to produce vibrant, sharp, and brilliant images with true colors. The versatility of the glossy photo paper makes it suitable for a wide range of printing applications. including photos, graphics, and crafting projects. The consistency and uniformity of the results, as well as its long-lasting qualities, make it a popular choice for those looking to print high-quality photos andmemories.

Application

The application scene of protective film is compliment with the application range of printing picture materials, including display board display, POP display, bus, taxi,subway, train, aircraft interior and exterior decoration car stickers, also includes the display of glass window,wall, ground, light box and other pictures.

Configuration

Product Name	Finish	Printability	Weight(G)	Size(Inch)
220GGlossy/Matte Photo Paper	High Glossy Matte	Dye ink	220	25/36/42/50/60
220G Glossy/Matte	Glossy Matte	Eco-Solvent	220	25/36/42/50/60
RC Photo Paper	Glossy Satin	Pigment Dye ink	200/240/260	25/36/42/50/60
RC Pearl Photo Paper	Pearl	Pigment Dye ink	260	25/36/42/50/60/A3/A4
CC Glossy Photo Paper	Glossy	Dye ink	160/260/200/230/250	Sheet/A3/A4/4R/5R
CC Adhesive Glossy Photo Paper	Glossy	Dye ink	115/135/150/180	Sheet/A3/A4

Product Description

Matte waterproof PP paper is used in a variety of applications where high-quality, durable, and environmentally friendly printing is required. t is widely applied to outdoor advertising on board and other flat surface, indoor signage, point-of-sale display.

Configuration

Product Name	Finish	Adhesive Type	PP Film(Mil)	Liner (Mil)
180Mic Matte Waterproff PP S/A	Matte	Permanent	5	0.5 PET
195Mic Matte Waterproff PP S/A	Matte	Permanent	5	0.9 PET
210Mic Matte Waterproff PP S/A	Matte	Permanent	5	1.4 PET
155Mic Matte Waterproff PP Paper	Matte	Non-adhesive	5	—
175Mic Matte Waterproff PP Paper	Matte	Non-adhesive	5.5	—
205Mic Matte Waterproff PP Paper	Matte	Non-adhesive	6.7	—
205Mic Matte Waterproff PP Paper	Matte	Non-adhesive	6.7	—
170G Matte Inkjet Paper	Matte	Non-adhesive	6.7	—

Product Description

Inkjet media materials have come a long way since their inception as a tool for advertising. Today these materials are used for a variety of purposes, including photography printing, which requires a higher level of coating technology.

Application

Photographers often use these materials to print high-quality images of their work, which can be used for exhibition, display, or sale. Another application of these inkjet media materials is in the production of high quality photo albums or books. These materials can be used to create stunning visuals that showcase a photographer's portfolio or a specialevent, such as a wedding or graduation.

Configuration

Product Name	Finish	Adhesive Tpye	Film(Mil)	Liner(g/m2)
Cold Laminating Film(Gross)	Cross	Permanent	2.5	100
Quality Flash-point Film	Translucent	Permanent	3	120
30C S/A Anti-scratch PET Crystal Film	Translucent	Permanent	6	1.2mil+0.8mil PET
40C S/A Anti-scratch PET Crystal Film	Translucent	Permanent	10	1.2mil+0.8mil PET
160Q Matte PP Paper S/A	Matte	Permanent	5	0.5mil PET
200G Matte Eco-solvent PP Paper S/A	Matte	Permanent	5.5	0.9mil PET
202G Matte Water-resistant PP Paper S/A	Matte	Permanent	5.5	0.5mil PET
181G Matte Water-resistant PP Paper S/A	Matte	Permanent	5.5	0.9mil PET
218 Matte Water-resistant PP Paper S/A	Matte	Permanent	5.5	0.9mil PET
220G Matte Water-resistant PP Paper S/A	Matte	Permanent	6.7	0.9mil PET

Size(inch):25/36/42/50/60

Product Description

Widely used in inkjet printing supplies, label materials, indoor billboardsand posters.
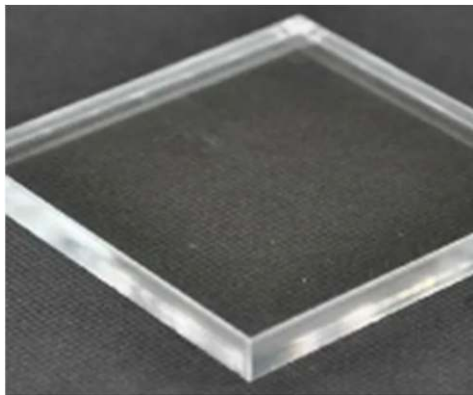

Configuration

Product Name	Finish	Adhesive Tpye	Film(Mil)	Liner(g/m2)
160 Matte PP Self-adhesive	Matte	Permanent Clear	4.3	0.5PET
160Q Matte PP Self-adhesive	Matte	Permanent Clear	4.7	0.5PET
180Q Matte PP Self-adhesive	Matte	Permanent Clear	5.5	0.9PET
120 Mic Matte PP Self-adhesive	Matte	Permanent Clear	4.3	- - -
160Q Matte non-waterproof PP	Matte	Non-adhesive	4.7	- - -
180Y Matte non-waterproof PP	Matte	Non-adhesive	5.5	- - -
150Mic Matte non-waterproof PP	Matte	Non-adhesive	5.5	- - -

Printability: Dye ink/UV ink   Size(inch):25/33/42/50/60

Product Description

Eco-solvent matt PP paper is used in a variety of applications where high-quality, durable, and environmentally friendly printing is required. It is widely applied to outdoor advertising and indoor display, trade show and exhibition, point-of-sale display.

Product Description

Widely used in inkjet printing supplies, label materials, indoor billboardsand posters.

Configuration

Product Name	Finish	Adhesive Tpye	Film(Mil)	Liner(g/m2)
2020 Matte Eco-solvent PP SA	Matte	Permanent Clear	4	0.5 PET
2022 Matte Eco-solvent PP SA	Matte	Permanent Clear	4 .3	0.5 PET
165 Mic Matte Eco-solvent PP Paper	Matte	- - -	5.5	- - -
195 Mic Matte Eco-solvent PP Paper	Matte	- - -	6.7	- - -
245 Mic Matte Eco-solvent PP Paper	Matte	- - -	4.3+4.3	- - -
220G Glossy Eco-solvent Photo Paper	Matte	- - -	180G	- - -
270G Mic Grey back Roll-up Banner	Matte	- - -	4.5	- - -
Matte Eco-solvent PVC Roll-up Banner	Matte	- - -	6.5	- - -
Matte Eco-solvent Backlit Film Froont Printing	Matte	- - -	5 PET	- - -

Configuration

Product Name	Finish	Adhesive Tpye	Film(Mil)	Liner(g/m2)
Mattte Eco-solvent Backlit Film Front Printing	Matte transluncent	Non-adhesive	5 PET	- - -
20Mic Backlit Film	Matte transluncent	Non-adhesive	3.7 PET	- - -
155 Matte Non-waterproof PVC Roll-up Banner	Matte	Non-adhesive	5.5 PVC	- - -
175 Mic Glossy Non-waterproof PVC Roll-up Banner	Glossy	Non-adhesive	6.3 PVC	- - -
220G Glossy white PVC S/A viny	High Glossy	Permanent	2.6 PVC	100
220G Glossy white PVC S/A viny	Glossy	Permanent	2.8 PVC	100
220G Glossy Removable PVC S/A viny	Glossy	Removable Clear	2.8 PVC	100

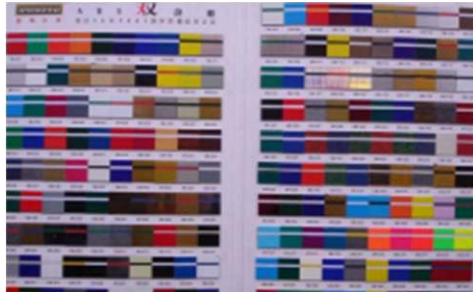Size(inch):25/36/42/50/54/60

BOARD MATERIAL

Acrylic sheet

PMMA acrylic has the advantages of light weight, good light transmission, andeasy molding, etc. It is widely used in advertising light boxes, signboards, signs,displayracks,etc.

Size:	1.22*1.82/1.22*2.42m
Thinkness:	1.9/2.4/2.8/3.4/4.3/4.8/5.8/7.3 /9.5/12.5/14.5/16.5mm
Material:	100% virgin MMA
Colors:	Transparent, Colorful, (Black, White, Customized)
Density:	1.2g/cm3
Transmittance:	>92%
Processing:	Cutting, Moulding
Package:	Craft paper/PE film on doubel side

ABS double color plastic sheet

ABS double board is an extruded sheet made of one layer of ABS material, which has the impact resistance, heat resistance and low temperature resistance of ABS itself, and it alsohas the characteristics of easy processing and stable finished product size. Mainly used for signs, gift medals, advertising decoration, etc.

Size:	600*1200*1.2mm
Material:	ABS
Colors:	100+potions (Customized)
Surface:	Gloosy/Matte
Processing:	Cutting, Moulding
Package:	PE film/Carton Box

PVC From sheet

PVC foam board is a non-toxic, harmless and ultra-environmental-friendly decorativematerial atroom temperature.It is widely used in building materials, interior decorationboards, commercial decorative frames, advertising signs, display boards, and variouslightweight partitions.

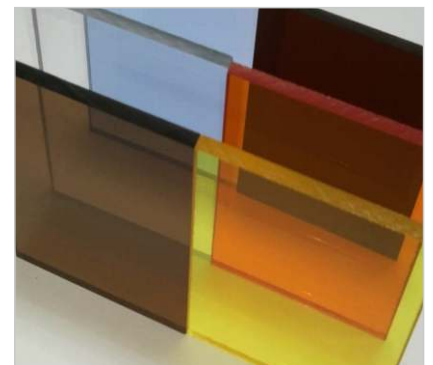|	
Size:	1.22*2.42m
Thinkness:	2.5-20mm
Material:	PVC
Colors:	White, Red, Blue, Green, Yellow, Black, Customized
Surface:	Matte/Glossy
Density:	0.35-0.9g/cm3
Processing:	Cutting, Moulding
Package:	PE film, PE bags

Blister board

Blister board has excellent physical and mechanical properties, especially excellent impact resistance and high tensile strength; It has good heat resistance and low temperature resistance, and is used in interior decoration, mobile doors, etc.

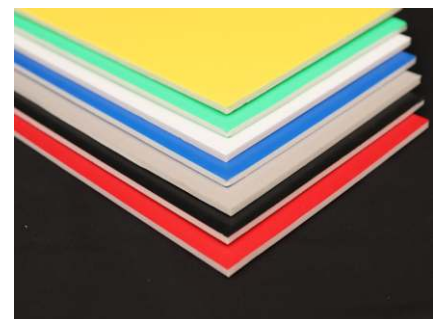|	
Size:	1.22*2.42m
Thinkness:	2/2.3/2.5/2.8mm
Colors:	Colorful,(Black, White, Customized)

Organic board

Diferent to acrylic, Organic board has many colors, because of its high light transmittance, it is usually transparent, and it is usually used as the main material for the words on the front of the store.

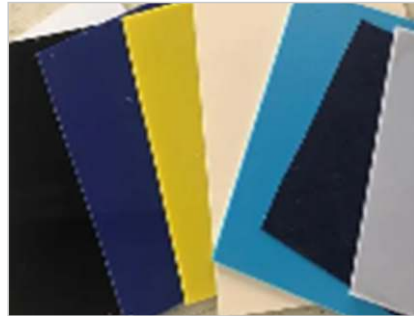|	
Size:	1.2*1.8/1.2*2.4/0.9*1.8m
Thickness:	0.9/1.2/1.8/2.3mm
Material:	GPPS
Colors:	Transparent, Colorful,(Black, White, Customized)
Surface:	Gloosy/Matte
Processing:	Cutting, Moulding
Package:	Craft paper/PE film on doubel side

KT From board

KT board is a light decorative building material with a smooth surface of foam board, usually used as a display board or a partition of a temporary building, the standard thickness is 5mm, and paint can be printed on it, so it is widely used in advertising and promotion..

Size:	0.9*2.4/1.2*2.4/1.07*2.4m
Thinkness:	4.5mm
Material:	Poly vinyl chloride, Polystyrene
Colors:	White, Colorful
Surface:	Matte/Glossy
Density:	0.35-0.9g/cm3
Processing:	Cutting, Moulding
Ink printability:	UV printing

ABS board

ABS board is an emerging material in the board industry. It organically unifies the various properties of PS, SAN, and BS, and implements the excellent mechanical properties of toughness, hardness, and rigid phase balance.

Size:	1.22*2.42m
Thinkness:	2/2.3/2.5/2.8mm
Colors:	Colorful,(Black, White, Customized)

PC solid board

Pure PC solid sheet has good visible light transmission performance. Suitable for telephone booths, advertising road signs, light box advertisements, highway noise barriers, etc.

Size:	600*1200*1.2mm
Material:	ABS
Colors:	100+potions (Customised)
Surface:	Gloosy/Matte
Processing:	Cutting, Moulding
Package:	PE film/Carton Box

Sunshine board

Sunshine panels are one of the varieties with the best impact strength among thermoplastics. High modulus of elasticity, less affected by temperature, good dimensional stability. Applied to the interior and exterior decoration of buildings, and pavilions in rest places such as playgrounds

Size:	1.22*2.42m
Thinkness:	2.5-20mm
Colors:	White, Red, Blue, Green, Yellow, Black, Customized
Surface:	Matte/Glossy
Density:	0.35-0.9g/cm3
Processing:	Cutting, Moulding
Package:	PE film, PE bags

Aluminium-plastic panel

There are many varieties of aluminum-plastic panels, and it is a new type of material, suitable for door heads, exterior walls, large billboards, storefront decoration, etc..

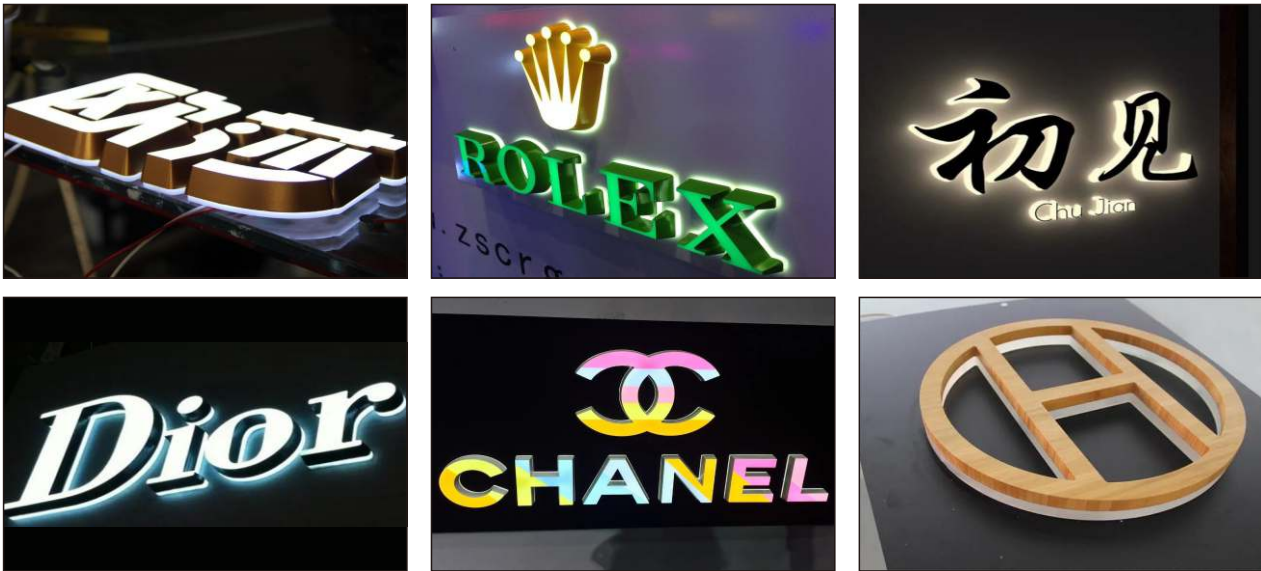|	
Size:	1.22*2.42m
Thinkness:	2.6/3/4mm
Colors:	Colorful, Customized
Surface:	Matte/Glossy

UVS board

The product is physically soft and has high light transmittance. It is mainly used for stainless steel luminous letter panels, border letter panels, etc.

Size:	1.22*2.42m
Thinkness:	1.8~2.2mm
Colors:	White/Red/Yellow
Surface:	Matte/Glossy

3D DOUBLE-SIDED LUMINOUS LETTER

Application

1、Catering
2、Advertising Sign
3、Product display

Feature

1、Exquisite appearance
2、Uniform luminous effect
3、Colorful
4、Strong resistance

Introduction

Acrylic beveled 3D double-sided luminous letters are mainly composed of LED light source, 18-20MM organic crystal panel, 3-5mm ultra-thin acrylic bottom plate, and then engraved on the acrylic beveled edge, painted on the side, and double-sided on the face and bottom Just make it shine.

STAINLESS STEEL CHANNEL LETTER

Introduction

Stainless steel luminous characters not only have the metal texture of stainless steel characters, but also have the effects of brightening, beautifying, and decorating acrylic luminous characters. The logo and advertising effects are particularly good, and they are the mainstream of metal character derivatives. The mirror surface stainless steel characters are bright and dazzling, beautiful in the daytime, bright in the night, and are the first choice for making luminous characters; brushed stainless steel has a striped texture, and the visual presentation is high-end.
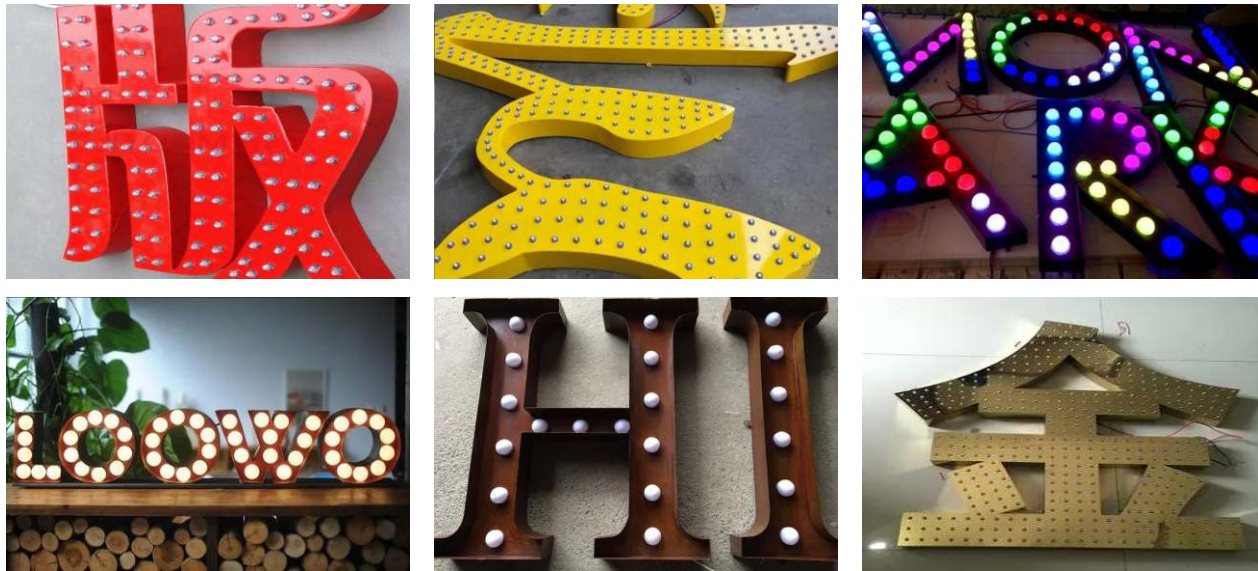
Processing

1、laser cut the letter   2、Trim the edge   3、Tin or argon welded surround
4、Base welding   5、Grinding, polishing   6、Install LED light
7、Adhesive upper panel and buckle edge

LIGHT BULBS LETTER

The light bulb letter sign use led light sources, with a diameter of more than 3cm. The appearance is fashionable and retro, and the large LED light bulb emits soft light, which is not dazzling when viewed directly. It can brew a special atmosphere and at the same time play a role in decorating the environment. Suitable for restaurants, cafes, nightclubs, etc.

Feature：
1、Stylish and retro, create a special atmosphere;
2、Soft light and no dazzling
3、Deep contour, simple but not simple

ALUMINUM SIDE GLOW LETTER

Aluminum side glow letters refer to three-dimensional luminous characters with no border on the luminous panel. Its appearance is similar to super luminous characters and resin luminous characters.

They are composed of aluminum borders, acrylic panels, and LED lights. Its characteristic texture is light and thin. Whether it is a panel or a metal letter case, the color can be flexibly configured to meet the individual needs of customers.

Feature
1、Strong and thick metal bottom box
2、Strong three-dimensional appearance
3、Anti-sun, anti-rust, and impact resistance properties
4、High cost performance

NEON SIGN

The flexible neon sign adopts injection molding technology, and the lamp beads are inserted with super bright lamp beads, which perfectly replaces the glass tube neon lights. Product advantages can be bent and cut arbitrarily. The purpose of using neon characters is to make what you want to express more obvious, and it can quickly attract people's attention.

Suitable for shopping malls, parties, taverns, online celebrity check-in places, flower shops, restaurants, bars, weddings, clothing stores, amusement parks, snack bars, squares, food streets, etc.

Specification

	Neon sign	Color boards

■ Input volage: 12V
■ LED type: 2835 R/G/B/W/Optonial
■ LED QTY: 120pcs/m
■ Lifetime: 5000h
■ Font size: > 4cm
■ Neon Flex   Silcone
■ Backboards: 6.6mm Acrylic / 10mm PVC
■ Installation: Mounting / Handing
■ Dimesions: Customized
■ IP Rating: IP20 / Ip65
■ Application: Decoration
■ Power certificates: EMC, LVD

Details

PMMA Acrylic Sheet	Silicone	Power supply

How to customize

1. Select the Size & Text
2. Select the Color
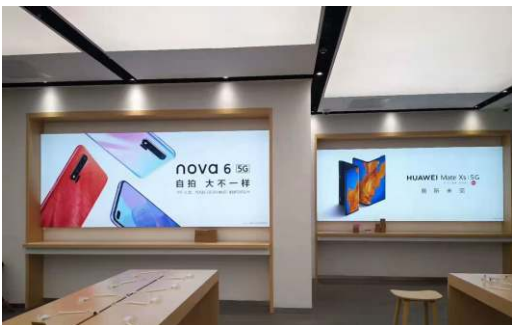3. Select the Backboard
4. Select Hardware Options.

Blister light box

The blister light box is mainly used on the side of the shop signboard door or on the door signboard. It is a billboard used for commercial solicitation. If it is a small-sized blister light box on the side, there are round, square, oval, special-shaped, etc. Because it needs to show rich colors and layering, and the blister has the characteristics of roundness, it is very visually impactful.

Fiber light box

The fabric light box adopts double-sided spray paint or light sheet, combined with high brightness and high color rendering index LED lamp beads, so that the illuminated picture is extremely beautiful, clear and uniform, and solves the problems of light and shade and tendons of traditional light boxes.

Magnetic light box

This Magnetic lightbox features a magnetic lens which lifts off for easy poster changes Simply remove the acrylic lens which has a black framed border, replace your poster into the provided poster clips, then reattach the magnetic acrylic face...that's it!

Ultra-thin light box

The frame of the ultra-thin light box is made of aluminum alloy with edging. When the light box changes the screen, it can be flipped and nested. The light box shows an ultra-uniform lighting effect in an ultra-thin space, and the thickness of the ultra-thin light box can reach 2.5cm

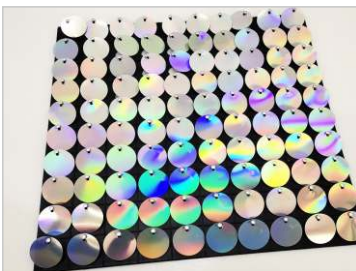

Crystal light box

Menu light box

Acrylic light box

Hollow light box

Seqinu:30mm,diameter(2type:Roumd and square)

Base panel: 300*300mm

Sequnin material:PET,(Sun block)

the coior can keep at least 3~5years won't fade.

Base material:ABS plastic

DISPLAY RACK

Roll up banner

X-banner

Big display

Door-shape display

Indoor Sign Holder Stand

Aluminum Poster Folding

LED Message Writing Board

Iron Poster Folding Double-Sided

Background Stand Backdrop