



Shandong Hightech Industry Corp

Signage machinery solution



Hightech Industry Group

- Shandong Hightech Industry Co.,Ltd (Weifang-China)
- Shenzhenn Hightech Optoelectronic Co.,Ltd (Shenzhen-China)
- Hightech Signage Solutions (UK) Co.,Ltd (Blackburn-UK)
- Mehta Hightech Channels LLP (Ahmed abad-India)
- Hightech Jiafu Distribution of Advertising Amaterials LLC (Dubai-UAE)
- Neocan Hightech Sign Supply LTD (Halifax-Canada)
- Neocan Hightech Sign Supply Inc (Toronto-Canada)

COMPANY INTRODUCTION

HIGHTECH INDUSTRY CORP

Shandong hightech industry Co., Ltd

Shandong Hightech Industry Co, Ltd. is a professional manufacturer of signage materials, machinery, and lighting sources.

In 2009, Shandong Hightech Industry Co, Ltd. has started its activities in China, as the first and most professional manufacturer of signage materials, machinery, and lighting sources, with the aim of creating a suitable platform and directly meeting customer needs.

We are proud to serve our customers worldwide with branches in eight countries and agents and distributors in more than 90 countries.

We never give up and will keep improving the quality of our products and services.



COMPANY HONORS

GLORIES WITNESS STRENGTH AND STRENGTH WITNESSES MAGNIFICENCE



HT1
Bending Machine 01



03 HT3
Bending Machine

HT mini
Bending Machine 05



07 HT Pro
Bending Machine

HT Z5
Bending Machine 09



HT 300 YG
Laser Welding Machine 13

11 HT 300 MG
Laser Welding Machine



Hightech Fiber Laser
Marking machine 15



17 1325CNC router machine

Fiber laser
welding machine 19

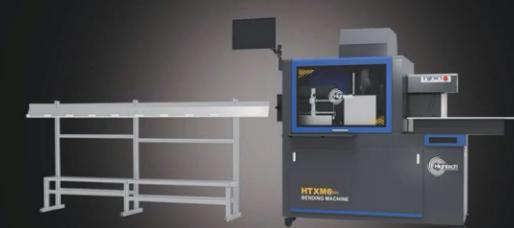


21 Fiber laser cutting machine

CO2 laser cutting machine 23



25 HTXM6 Bending Machine



HT1 Bending Machine



Features:

- Automatic Calibration
- Cutting depth adjustment by software
- Suitable for types of aluminum strips and profiles
- Ability to cut and create a cutting line at different angles, from the front and back with 360 degree milling cutter

Letters Sample:



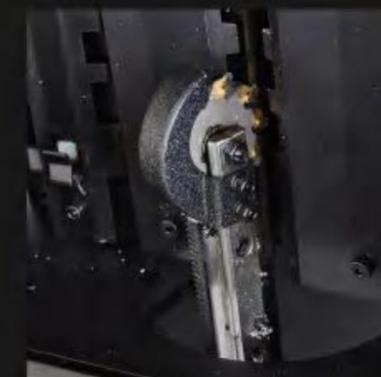
Technical Parameter

Slotting System:	Milling cutter
Bending System:	Double alternate grooved cylinder
Feeding System:	Rolling feeding device
Cutting depth calibration:	By software
Suitable Material:	Channelume, Single Edge, Aluminum Extrusion profile and flat aluminum
Height of Material :	10~160 mm
Material Thickness:	0.3 ~1.2 mm
Accuracy :	±0.1mm
Input File Format :	*.PLT-*.dxf
Power:	AC220V//55Hz//1KW Air
Source:	0.6 m ³ /min
Size:	1380*760*1540mm
Weight:	350kg

Product details:



● Double alternate grooved cylinder



● Milling cutter



● Rolling feeding device

HT3 Bending Machine



Features:

- Strong and durable planer knife
- Suitable for all flat metals
- Very accurate and suitable for tiny Steel letters
- Ability to adjust the speed to 3 modes: very accurate, precise and normal

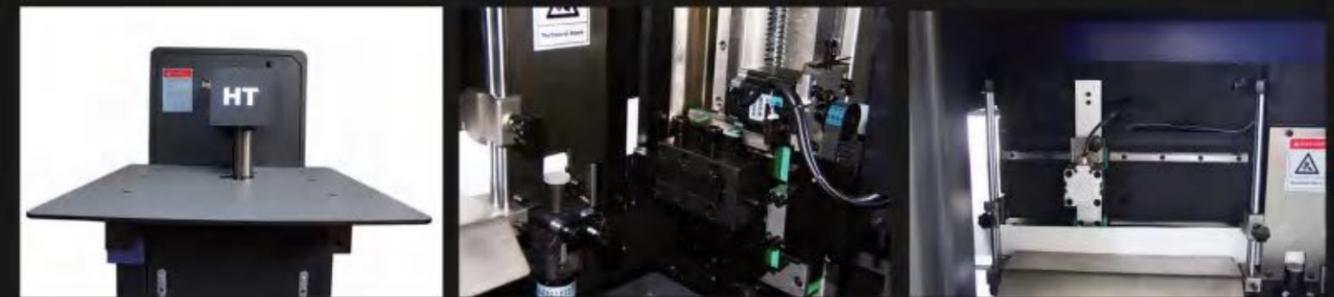
Letters Sample:



Technical Parameter

Slotting System:	Planer knife slotting system
Bending System:	Double blade alternate bending system
Feeding System:	Circulation clamp feeding system
Suitable Material:	Stainless steel, Iron, Galvanized sheet, Flat aluminum $\leq 1.2\text{mm}$
Height of Material:	10~130mm(200 mm optional)
Size Accuracy:	$\pm 0.1\text{mm}$
Input File Format:	*.dxf
Dimensions:	L2455mmxW800mmxH1591mm
Power:	AC220V//50Hz//2.4KW
Air Source:	0.6m ³ /min
Size:	1700*1600*900mm
Weight:	470kg

Product details:



- Double blade alternate bending system
- Planer knife slotting system
- Circulation clamp feeding system

HTmini Bending Machine



Features:

- Stable and steady
- Budget friendly
- User friendly
- Fast and accurate

Letters Sample:



Technical Parameter

Slotting System:	Planer knife slotting system
Bending System:	Double blade alternate bending system
Feeding System:	Rolling feeding device
Cutting depth calibration:	By software
Suitable Material:	Flat aluminum
Height of Material:	10~100mm
Material Thickness:	0.3~0.6mm Size
Accuracy :	±0.1mm
Input File Format :	*.dxf
Power:	AC220V//55Hz//1KW Air
Source:	0.6 m³/min
Size:	1000*625*1430 mm
Weight:	130kg

Product details:



- Planer knife slotting system
- Rolling feeding device
- Double blade alternate bending system

HTPro Bending Machine



Features:

- Multifunctional bending machine
- Combination of HT1 and HT3
- Suitable for all aluminum strips, profiles and stainless steel
- Two separate software
- Budget friendly

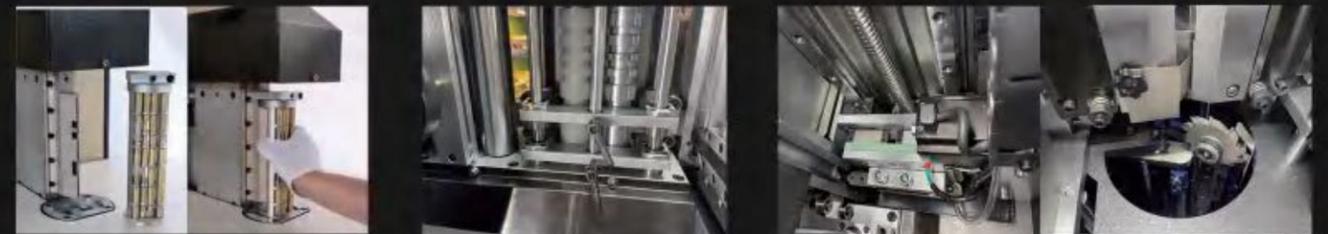
Letters Sample:



Technical Parameter

Slotting System:	Milling cutter & Planner knife
Bending System:	Double roller grooved cylinder & double alternate blade
Feeding System:	Rolling feeding device
Cutting depth calibration:	By software
Suitable Material:	Stainless Steel, Channelume, Single Edge, Aluminum Extrusion profile and all flat metals
Height Of Material:	160mm (200mm Optional)
Material Thickness:	0.3~1.5mm
Size Accuracy:	±0.1mm
Input File Format :	*.dxf & AI
Power:	AC220V//55Hz//1KW
Source:	0.6 m ³ /min
Size:	1950*820*1780mm
Weight:	580kg

Product details:



- Double alternate grooved cylinder & double alternate blade
- Rolling feeding device
- Milling cutter & Planner knife

HTZ5 Bending Machine



Features:

Servo system: Custom servo parameters

Photoelectric inductive:

pan Omron photoelectric induction switch,

Panasonic photoelectric induction switch

Motion control: ADTECH motion control system

Mechanical drive: High precision ball screw and linear guide rail

Letters Sample:



Technical Parameter

Slotting System:	Planer knife slotting system	
Bending System:	Double blade alternating bending system	
Feeding System:	Circulation clamp feeding system	
Processing width:	20-200mm	
Processing thickness:	Scissor teeth folding: 0.4-0.8mm	
	Without cutting teeth and folding: 0.4-1.2mm	
Processing material:	Scissor teeth folding: Aluminum plate	
	Without cutting teeth and folding: Stainless steel Galvanized sheet Aluminum plate	
Cut the tooth Angle:	30°-120°	
Min Bend Angle:	R6mm	
Power:	3.5KW	
Overall dimension:	3200mm*1250mm*1500mm	
Weight:	800kg	
Power Supply:	AC 220V 50Hz/ AC110V 60Hz	
Gas source:	0.6m³/min	
Drive configuration:	Bending	Fuji 750W servo
	Slotting	Fuji 750W servo
	Raise	Fuji 400W servo
	Cutting teeth	Fuji 750W servo
	Feeding	Fuji 750W servo

HT MG Laser Welding Machine



Letters Sample:

- ◆ Components: Combined chassis+ super large working platform+ mechanical arm (assembled with the combined chassis and working platform) + chiller
- ◆ High-end brand high-power chiller adopts Panasonic, SONY and other imported accessories
- ◆ Optical accessories are all first-class brands, standard with original Dong Jun A+class crystals, imported ceramic core, faster welding speed, stronger, matte decay

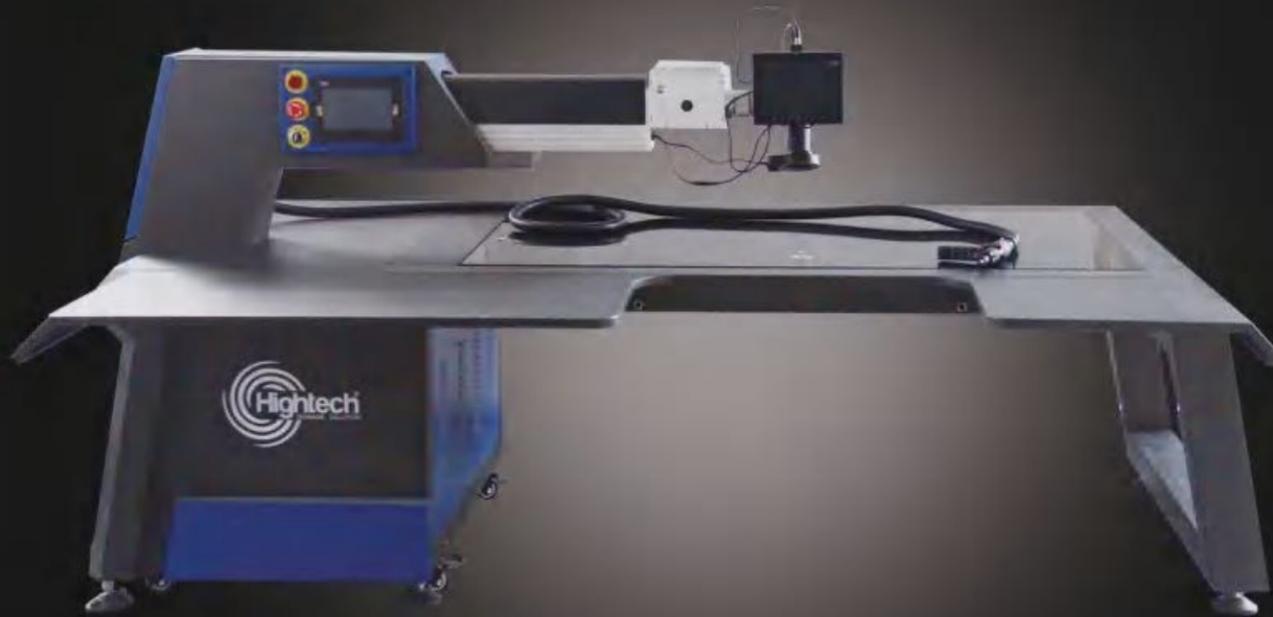
Technical Parameter

Max laser power:	300W/500W
Laser wave length:	1064nm
Monopulse Max power:	300W : 110J
	500W : 180J
Laser welding depth:	300W : 0.1-2.5mm
	500W : 0.1-4mm
Pulse width:	0.1-20ms
Laser welding frequency:	300W : 1-50Hz
	500W : 1-60Hz
Laser spot size adjusting range:	0.2-3.0mm
Whole power consumption:	300W : ≤7.5KW
	500W : ≤16KW
Working table:	1700*2100mm (1000*1500)
Sight positioning:	10X CCD synchronism high definition camera
Laser device vertical travel:	≥200mm
Laser device horizontal direction:	200-800mm
Size:	1700*1300*1400mm
Weight:	300W : 350kg
	500W : 540kg

Product details:



HT YG Laser Welding Machine



Letters Sample:

- ◆ Components: Combined chassis + super large working platform + mechanical arm (assembled together with the combined chassis and working platform) + chiller + optical fiber + handgun
- ◆ High-end brand special power chiller adopts Panasonic, SONY and other imported accessories
- ◆ Optical accessories are all first-class brands, standard with original Dong Jun A+ class crystals, imported ceramic core, faster welding speed, stronger, matte decay Handheld transmission using imported cable, standard with 5m, high quality custom dual-purpose handheld welding gun, to meet customer needs

Technical Parameter

Max laser power:	300W/500W
Laser wave length:	1064nm
Monopulse Max power:	300W : 110J 500W : 180J
Laser welding depth:	300W : 0.1-2.5mm 500W : 0.1-4mm
Pulse width:	0.1-20ms
Laser welding frequency:	300W : 1-50Hz 500W : 1-60Hz
Laser spot size adjusting range:	0.2-3.0mm
Whole power consumption:	300W : ≤7.5KW 500W : ≤16KW
Working table:	1700*2100mm (1000*1500)
Sight positioning:	10X CCD synchronism high definition camera
Laser device vertical travel:	≥200mm
Laser device horizontal direction:	200-800mm
Size:	1700*1300*1400mm
Weight:	300W : 350kg 500W : 540kg

Product details:



Hightech Fiber Laser Marking machine



Machine Characteristics

1. High speed with galvanometer;
2. Small volume, light weight;
3. Low power, consumption power is less than 500w
4. Completely air cooling, low energy;
5. No influence of the severe environment and temperature change. If no power, battery and car cigarette lighter can be used for working
6. Greatly reduce the depreciation cost, satisfying customers' stable large quantities producing

Technical Parameter

Laser power:	30W/50W
Wavelength:	1060nm
Rotation axis:	50/65/80/100
Laser Repeat frequency:	≤ 100 KHz
Standard Marking Scope:	150×150mm
Marking format:	100*100mm/200*200mm
Marking line width:	0.01-0.1mm
Minimum letter:	0.15mm
Marking speed:	<7000mm/s
Overall power:	800W-1000W
Repeated accuracy:	±0.001mm
Consumption power:	≤ 500W
Power supply:	200V/50Hz
Cooling mode:	Air cooling

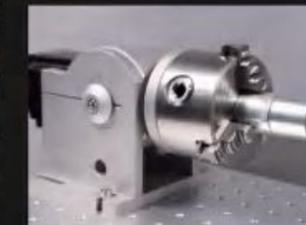
Product details:



• Focusing mirror (field mirror)



• Raycus laser source with more than 100,000 hours lifetime



• Equipped by Rotary axis device



• Sino galvo galvanometer scanning head

1325CNC router machine



Scope of application



Technical Parameter

Table:	Aluminum profile
Driving way:	X.Y axis rack gear; Z axis lead screw
Railway:	20mm rail
Spindle motor:	Changsheng220v3.0KW water cooling;
Control system:	DSP
Driver motor:	Chuangwei 860H
Frequency converter:	Beishide 3KW
Beam:	8mmsteel pipe
Cabinet:	Electronic control cabinet
Machine frame:	Welding
Oiling:	Annual
Machine model:	1325, 1530, 2030, 2040, 1340, 1330 1335, 2060, 1536, 1540, 2550

Product details:



• High quality drag chain • main shaft

• High strength spindle

Fiber laser welding machine



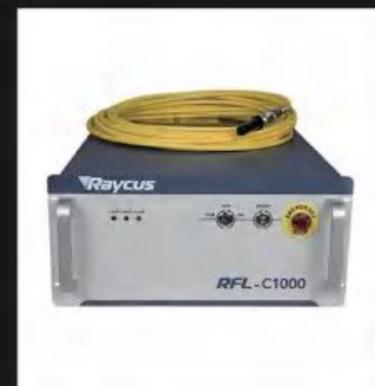
Product Information

The hand-held optical fiber laser welding machine adopts the latest generation of laser generator and swinging hand-held welding gun, and is equipped with a standard dual drive wire feeding system. It adopts the manual welding mode, which is flexible and convenient. The heat affected area during welding is small, which will not lead to deformation, blackening, welding marks and other problems of the workpiece. Moreover, the welding depth is large, the welding is firm, and the melting is sufficient.

Technical Parameter

Product model:	Fiber laser welding machine		
Equipment dimensions:	1600*610*1050mm		
Weight:	220-260Kg		
Optical Fiber Laser:	Maxphotonics Industrial Edition		
Chiller:	Huaku / S&A Chiller		
Control System:	Supporting system, built-in craft package, easy to get started		
Machine Cabinet:	Hightech, industrial-grade anti-jamming cabinet		
Wire Feeder:	Double-drive wire feeder, precise and adjustable speed, smooth wire feeding		
Welding Thickness:	Stainless steel	Carbon steel	Aluminium
1000W	3mm	3mm	2mm
1500W	4mm	4mm	3mm
2000W	6mm	6mm	4mm

Product details:



• Raycus laser source



• Handheld welding joint



• Advanced sheet metal cabinet

Fiber laser cutting machine



Product Information

HT-3015A fiber laser cutter reaches the top level in China, which is custom-ers-best choice in metal industry.

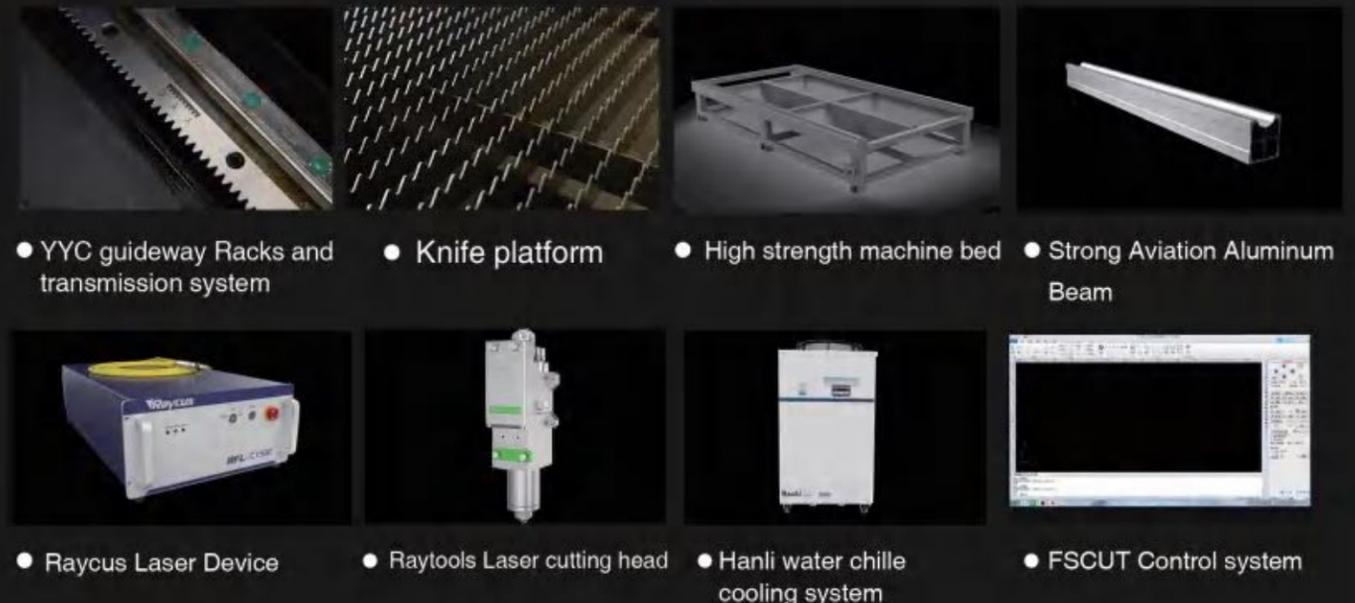
The bed is welded by precise welding process after annealing and aging treatment, and the beam is airbornealuminium castings.

The HT-3015A has fully automatic focusing technology, and is equipped within-telligent tracking system, free nesting system.

Technical Parameter

Item	Parameter			
	1KW	1.5KW	2KW	3KW
Work Area:	3000*1500mm			
X-axis Travel:	1500mm			
Z-axis Travel:	80mm			
Positioning accuracy:	±0.05mm			
Repeated positioning:	±0.02mm			
Maximum speed:	60m/min			
Maximum acceleration:	0.4G			
Machine Total weight(KG):	1200			
Table maximum load(KG):	700			
Outlinesize (mm):	3900.5*2760*1650mm			
Power parameters:	Three-phase AC380V50Hz			
Protection Level of Total PowerSupply:	IP54			

Product details:



CO2 laser cutting machine

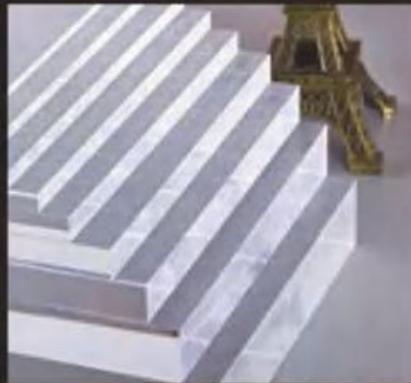


Applicable materials

It can cut and engrave non-metallic materials such as acrylic, double color board, wood, density board, leather, cardboard and cloth; Engravable glass and stone;



• Fabric



• Acrylic plate



• Board

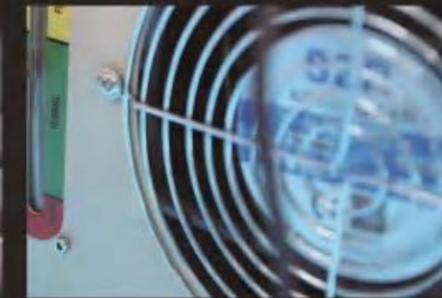
Technical Parameter

Laser type:	Reci / Yongli
Laser power:	60W,80W,100W,130W,150W,180W.250W
Machine model:	6040 , 9060, 1390, 1325, 1530
Working voltage:	AC 220V±10%, 50HZ
Control system:	DSP Control Technology of Ruida System
Transmission mode:	Synchronous belt transmission
LASER:	Double headed to improve efficiency
Positioning accuracy:	≤±0.05mm
Cutting speed:	0-1200mm/s
Positioning accuracy:	0-600mm/s
Minimum formed character:	Chinese letters 1.5mm English letters 1mm
Overall power:	<2.5KW
Processing surface:	1300*2500mm

Technical Parameter



Finishing treatment of square pipe welding heavy bed CNC machining center



The fan can be switched on and off at any time to reduce noise

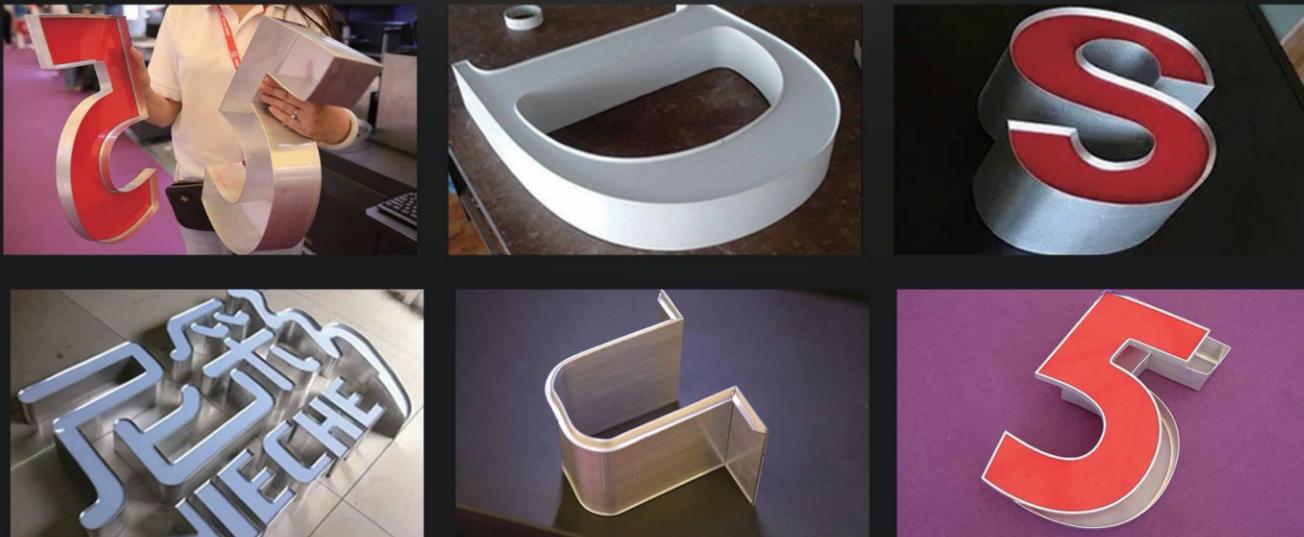


Y-axis belt pressing transmission, with balanced force and reduced belt vibration

HTXM6 Bending Machine



The Sample Letter



Technical Parameter

SUITABLE MATERIAL	Stainless Steel/Extrusion Profile/Aluminume Return/Galvanized Plate
FEEDING THICKNESS	0.02" - 0.05"
FEEDING HEIGHT	0.8" - 8"
MOTOR SYSTEM	4 axis made in japan fuji servo motor
SLOTING SYSTEM	Planer slotting system+ Milling cutter slotting system
MINIMUM BENDING ANGLE	R6
FEED SYSTEM	Integral casting manipulator feeding system
BENDING SYSTEM	Integral cast double knife alternating bending system
POWER SOURCE	AZC 220v 50hz/AC 110V 60 Hz- 3.5kw
AIR SOURCE	0.6 m³/min
PACKING SIZE AND WEIGHT	97 " X 50 " X 79 " -1900 lb

Technical Parameter



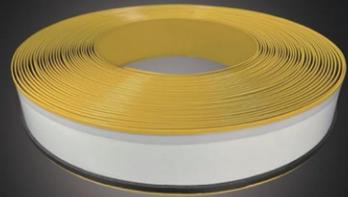
Clamping feed system

Planer slotting system

Alloy milling cutter slotting system

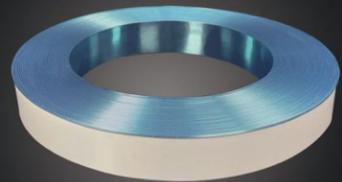
01

Letterume



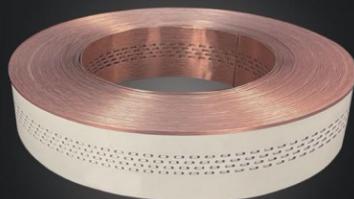
02

Side light Letterume



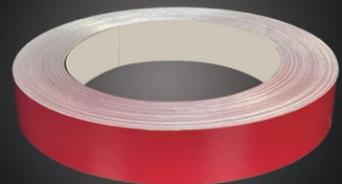
03

Single edge aluminum



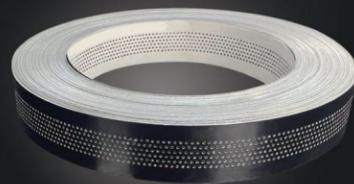
04

Side light single edge aluminum



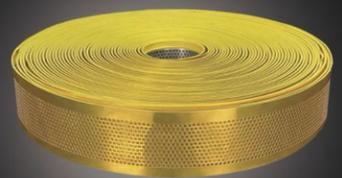
05

Flat aluminum



06

Side light flat aluminum



07

Hand use aluminum



08

3D high polymer ABS strips



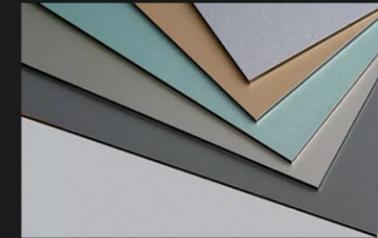
09

Stainless steel coil



10

Aluminum plastic trim cap



11-12

ACM (Aluminum composite material)



13-14

PVC foam board



15-16

Aluminum Sheets



17-18

Cast acrylic sheets



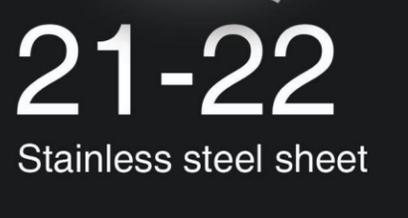
19-20

Polycarbonate sheets

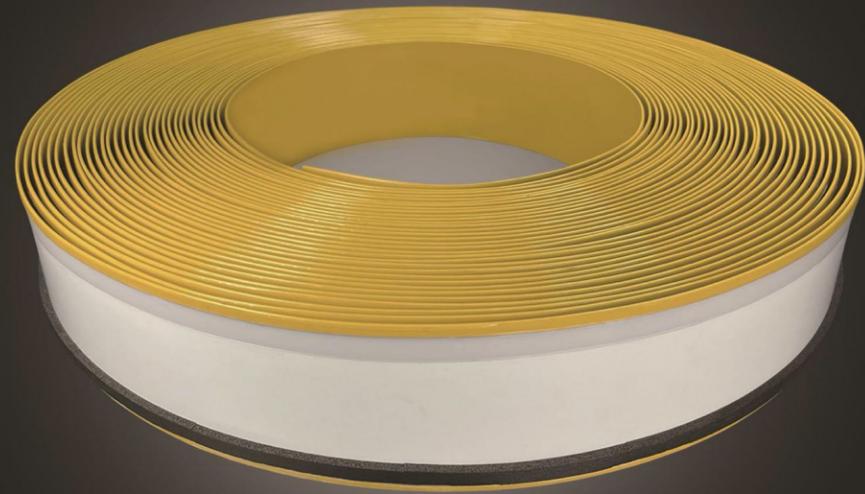


21-22

Stainless steel sheet



LETTERUME

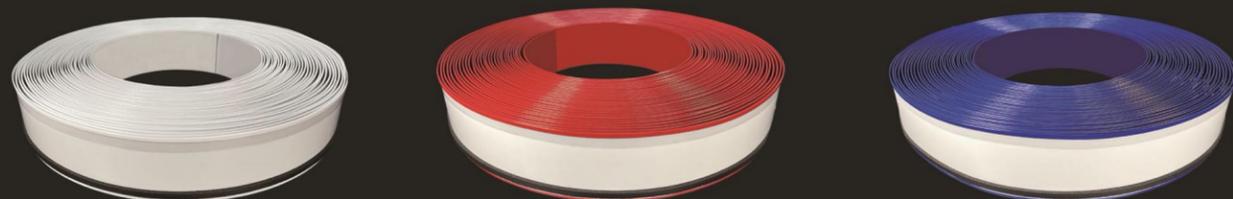


Section view

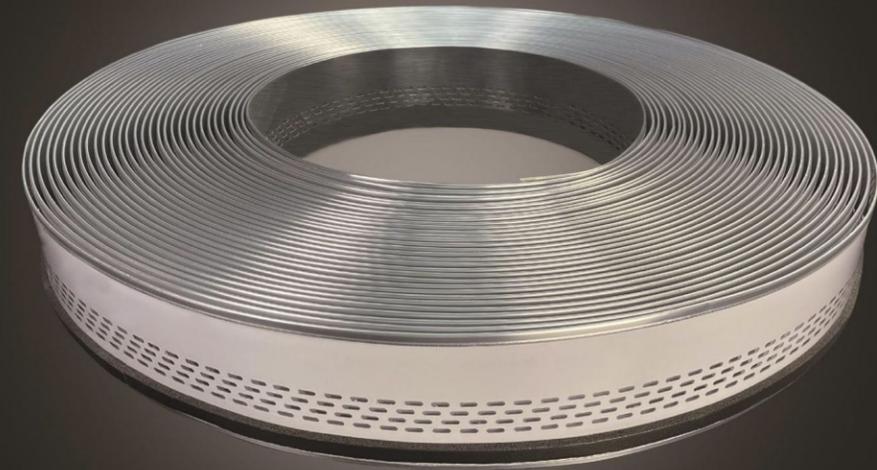


Detailed information

Width	5cm, 7cm, 9cm, 11cm
Thickness	0.4mm, 0.5mm
Length/roll	30m, 50m
Packing	1 roll/box
Box Size	56*56*(6/8/10/12)cm for 30m, 67*67*(6/8/10/12)cm for 50m



SIDE LIGHT LETTERUME

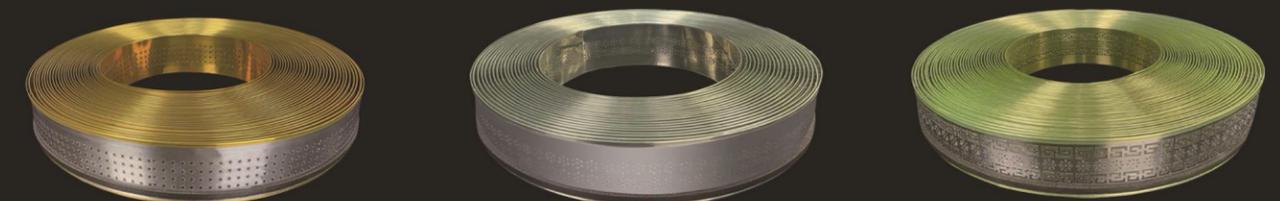


Section view

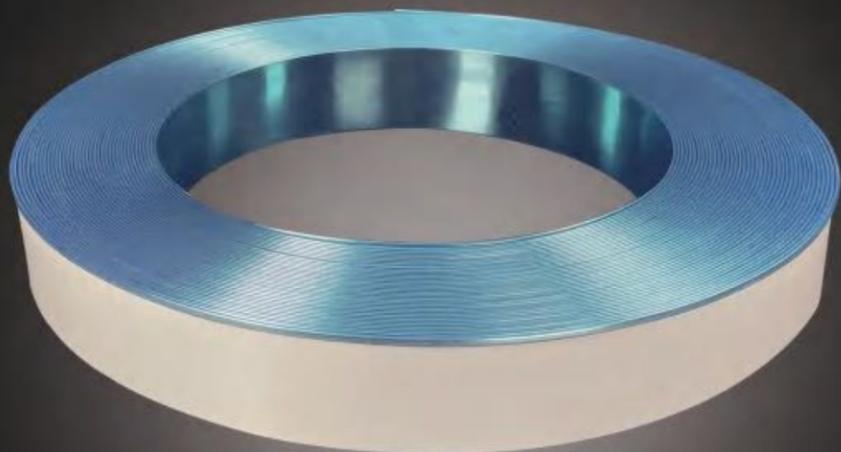


Detailed information

Width	7cm, 9cm
Thickness	0.7mm, 0.8mm
Length/roll	30m, 50m
Packing	1 roll/box
Box Size	56*56*(8/10)cm for 30m, 67*67*(8/10)cm for 50m



SINGLE EDGE ALUMINUM

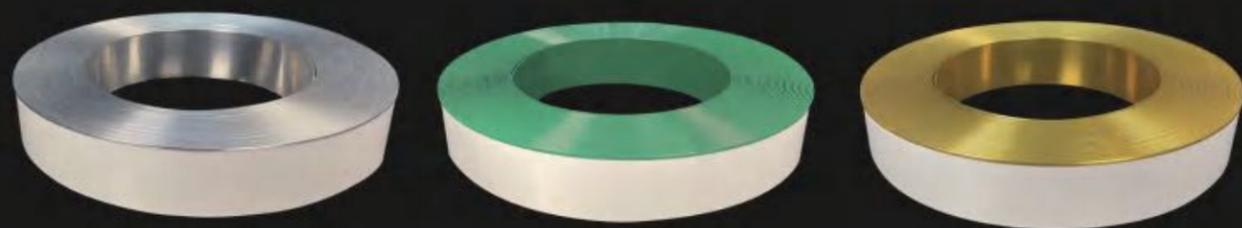


Section view

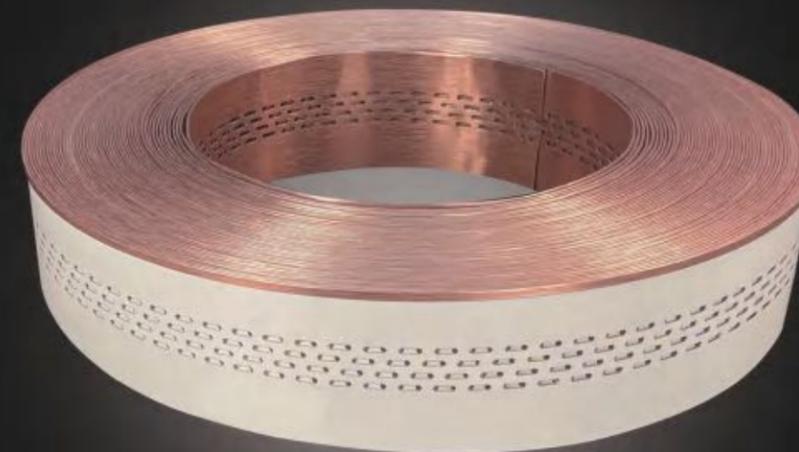


Detailed information

Width	6cm,7cm,8cm,9cm,10cm,11cm,12cm
Thickness	0.6mm
Length/roll	50m
Packing	2 rolls/box for 6&8cm, 1 roll/box for 10cm
Box Size	50*50*(13/17)cm for 6&8cm,50*50*11cm for 10cm



SIDE LIGHT SINGLE EDGE ALUMINUM



Section view

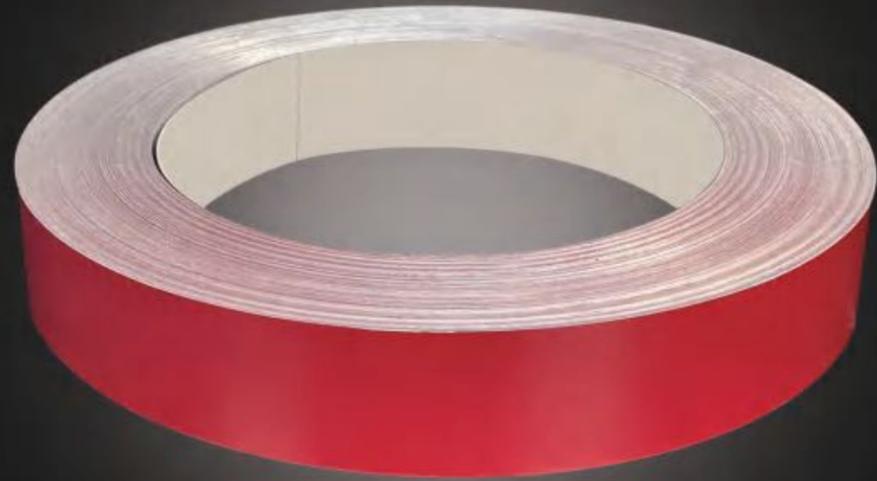


Detailed information

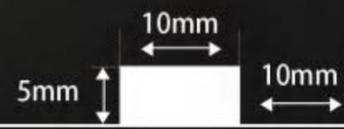
Width	6cm,8cm
Thickness	0.6mm
Length/roll	50m
Packing	1roll/box for 8&10cm,2 rolls/box for 6cm
Box Size	50*50*(13/17)cm for 6&8cm



FLAT ALUMINUM



Section view

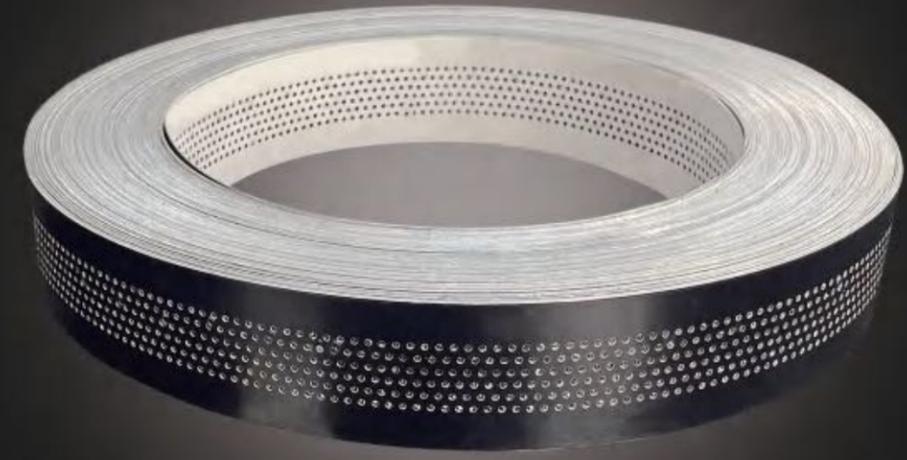


Detailed information

Width	3cm,4cm,5cm,6cm,7cm,8cm,10cm,11cm,12cm
Thickness	0.6mm,0.8mm
Length/roll	100m
Packing	2 rolls/box for ≤ 6 cm, 1 roll/box for ≥ 7 cm
Box Size	44*44*13cm for ≤ 6 cm, 44*44*(9/13)cm for ≥ 7 cm



SIDE LIGHT FLAT ALUMINUM



Section view

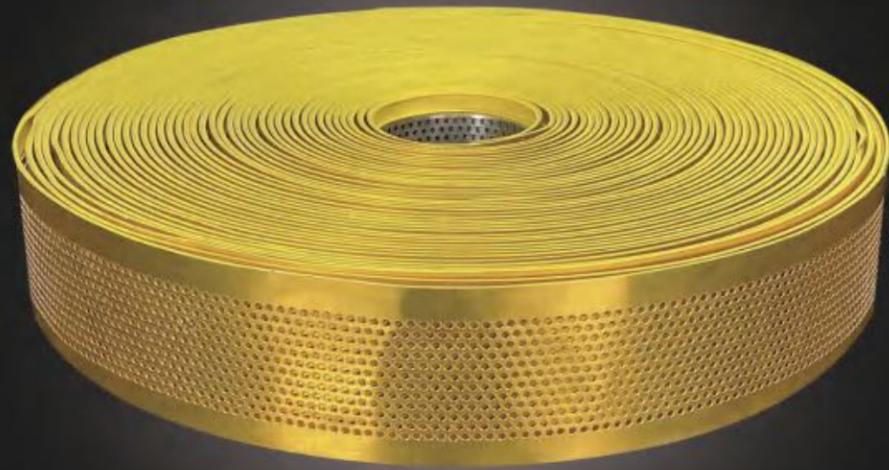


Detailed information

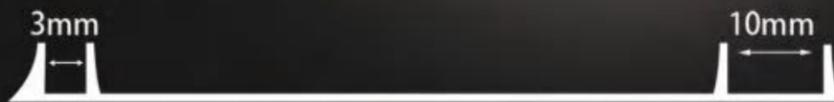
Width	6cm,8cm
Thickness	0.6mm,0.8mm
Length/roll	100m
Packing	2 rolls/box for 6cm, 1 roll/box for 8cm
Box Size	44*44*13cm for 6cm, 44*44*9cm for 8cm



HAND USE



Section view



Detailed information

Width	6cm,8cm
Thickness	0.33mm
Length/roll	33.4m
Packing	1 roll/small box and each big box included 3rolls(total 100m)
Box Size	46*46*27cm



3D HIGH PLOYMER ABS STRIPS



Section view



Detailed information

Width	5cm,6cm,7cm,8cm
Thickness	1mm
Length/roll	100m
Packing	4 rolls/box
Box Size	46*46*27cm



STAINLESS STEEL COIL



Section view



Detailed information

Alloy	201/304
Width	3cm,4cm,5cm,6cm,7cm,8cm,10cm
Thickness	0.5/0.6/0.8mm
Length/roll	100m
Colour	Brush silver/gold/rose gold/ Mirror gold/silver/rose gold/black



ALUMINUM PLASTIC TRIM CAP



Section view

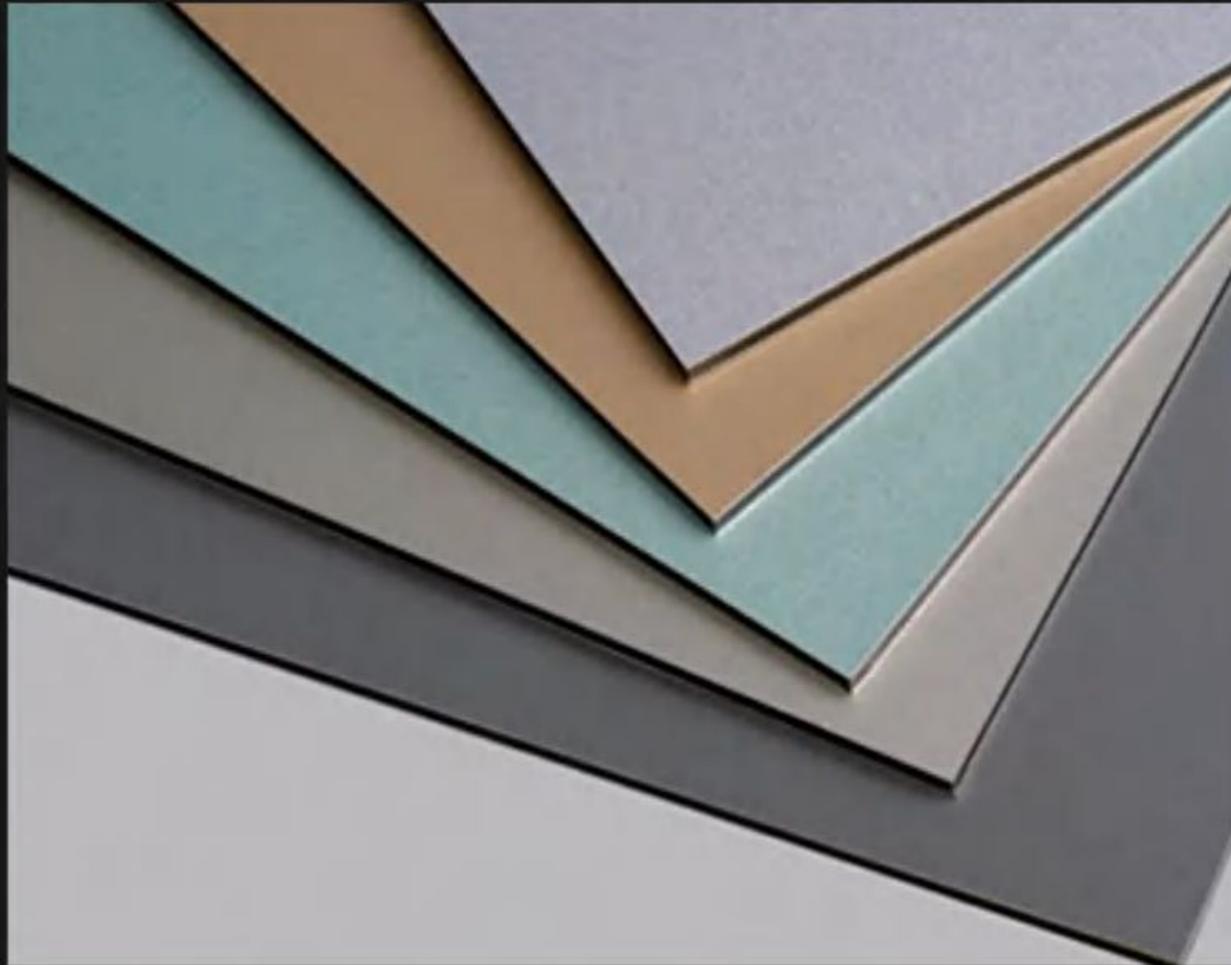


Detailed information

Width	2cm,2.6cm
Material quality	Plastic
Length/roll	28m/roll,40m/roll
Colour	Black, white, red, yellow, blue, green, gold, silver



ACP (ALUMINUM COMPOSITE PANEL)



11

Features:

- 1) Front side: aluminum roll coated with PE/PVDF
- 2) Core: plastic fireproof materials or common plastic material
- 3) Rear side: aluminum coated with polyester
- 4) Surface : protective film

Super peeling strength

Even coating, various colors

Excellent surface Flatness

Superior impact resistance

Superior weather, pollutant resistance

Lightweight and easy to process

Product Description:



Product parameters:

Commodity	Aluminium Composite panel
Panel thickness	2mm/3mm/4mm/5mm/6mm
Aluminum thickness	0.12-0.5mm
Panel Width	1000mm/1220mm/1250mm/1500mm/1570mm
Panel length	2440~6000mm
Color	Matte white / Gloss white Matte black / Gloss black
Surface finish	PE/PVDF/FEVE

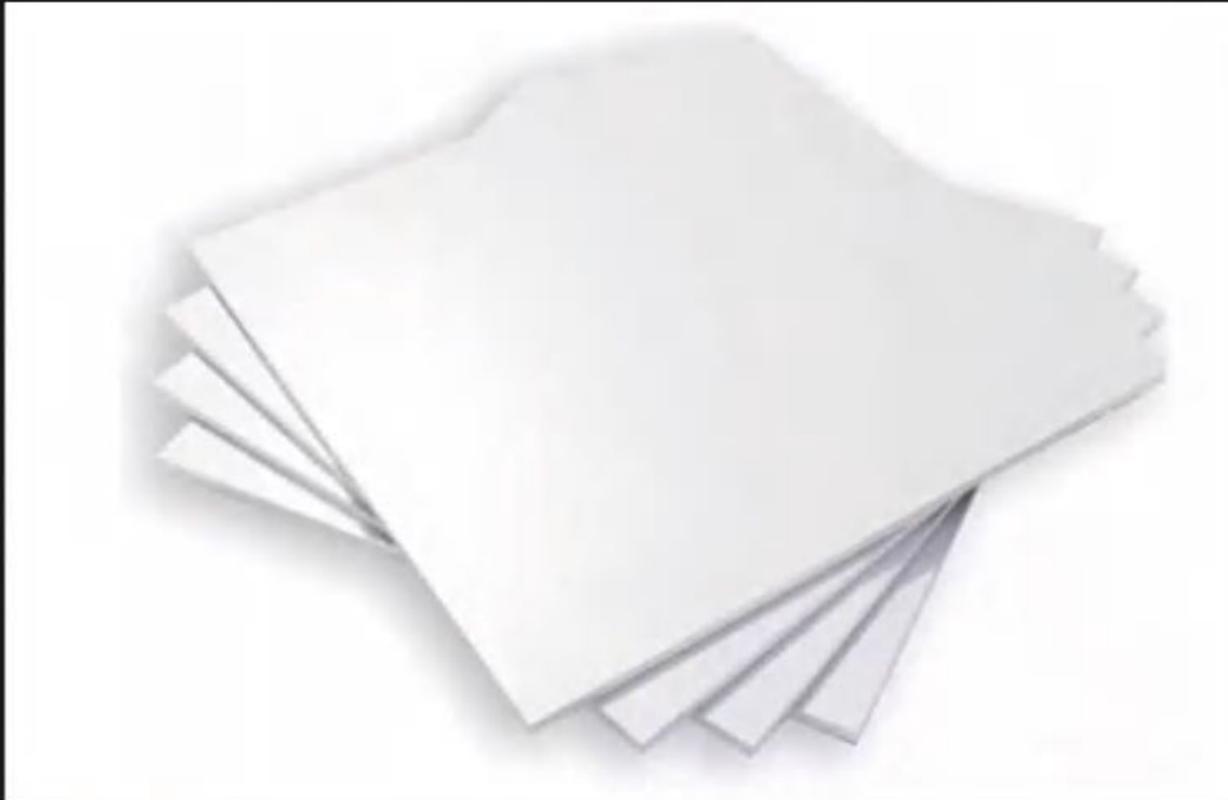
12

Application:

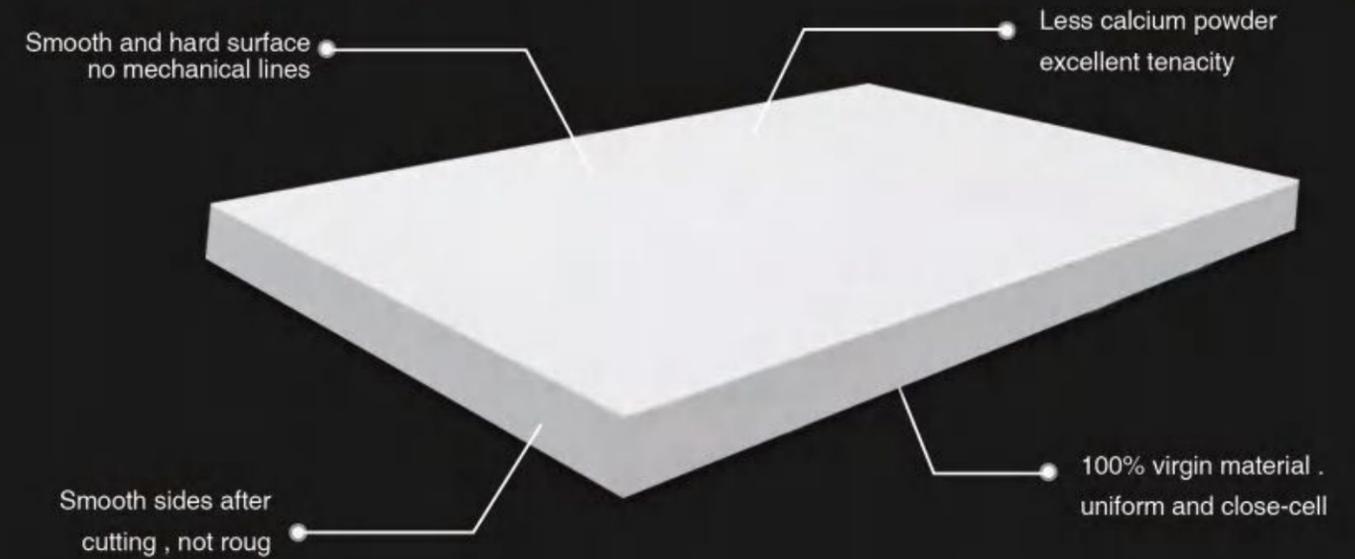


Ceiling, Balcony, Exhibitions, Printing substrate, Company ID, Advertisement signage

PVC FOAM BOARD



Product Description:



Product parameters:

Commodity	PVC foam board
Density	0.35—1.0g/cm ³
Thickness	1-35mm
Color	White, red, yellow, blue, green, black, etc.
Normal Size	1220*2440mm,915*1830mm,1560*3050mm,2050*3050mm
Surface	Free, Celuka
Application	Advertisement & furniture & printing & construction .etc

Features:

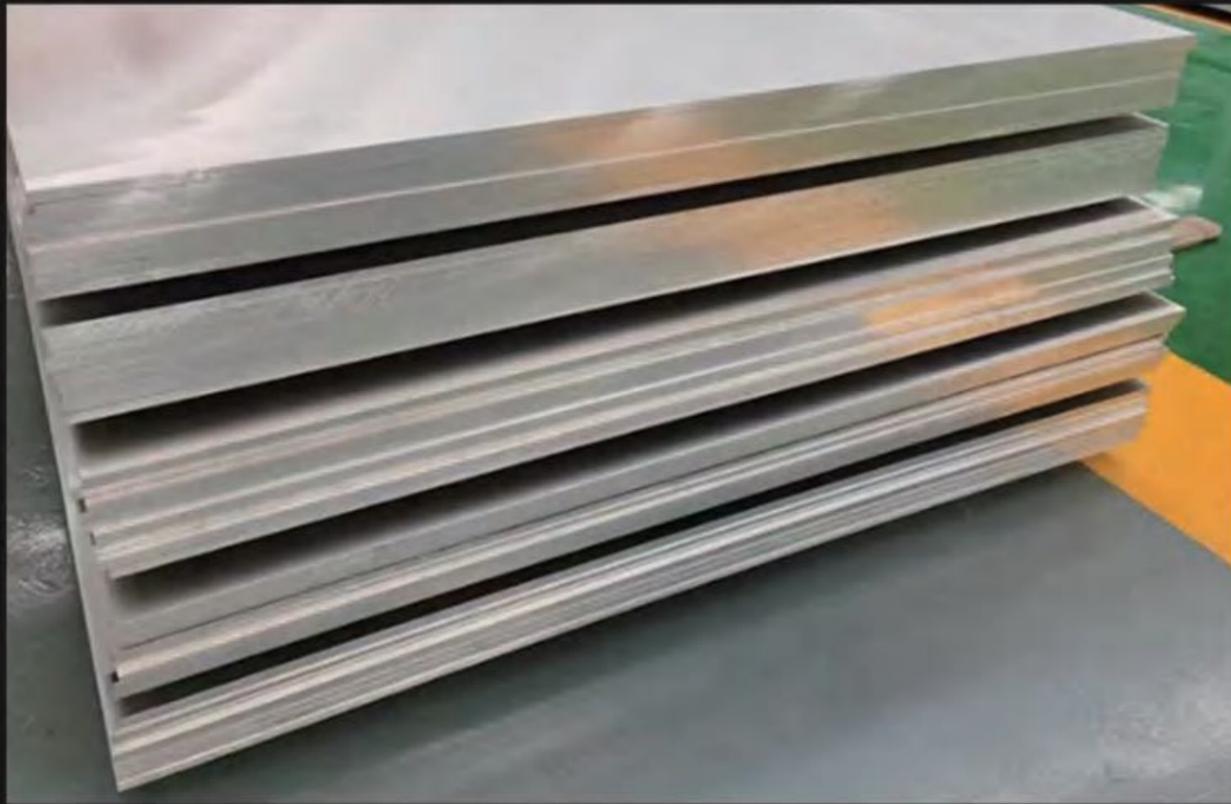
1. Lightweight and even foam, the best substitute for wood, aluminum and composite sheet.
2. Good at function of moth proof, waterproof, moisture resistant.
3. Fire retardant, prevent the spread of fire and self-extinguish, is a safe material for building decoration.
4. High hardness, not easy to crack, strong load bearing capacity, is the ideal material for building decoration.



Application:



ALUMINUM SHEETS



Features:

Aluminum panels are mainly used for lighting, solar reflectors, architectural appearance, ceiling, furniture, cabinets, elevators, signs, nameplates, suitcases, automotive interior and exterior decoration, refrigerators, microwave ovens, audio equipment, aerospace and military aspects

Easy installation

High strength

Low in costs

Durable

Nice appearance

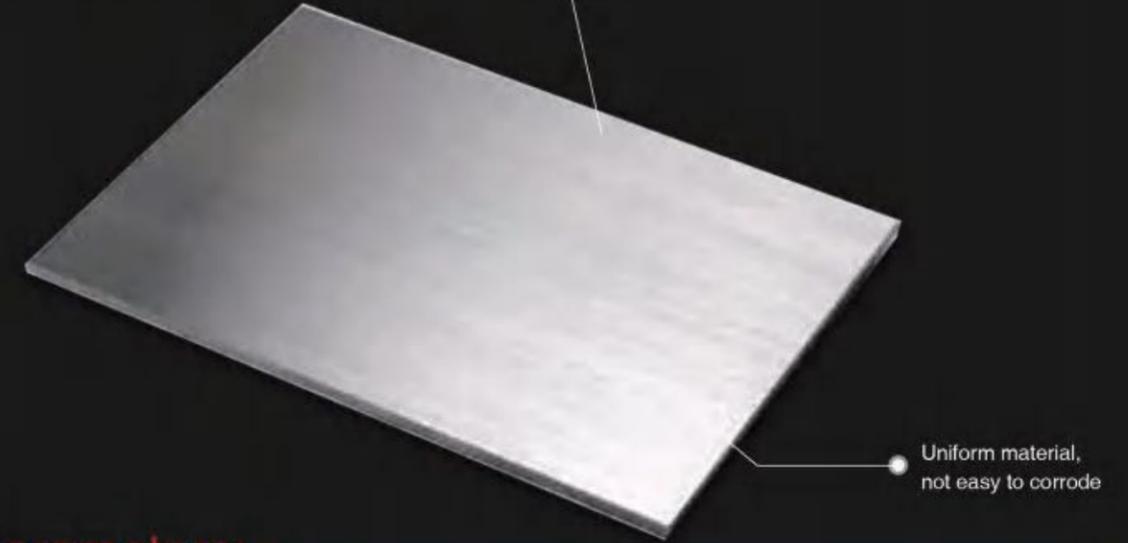
Anti oxidation

Corrosion resistance

Long service life

Product Description:

The product surface is free of compound high temperature indentation and is not easy to deform after cutting



Product parameters:

Alloy	3003/5052
Thickness	0.5 mm to 2 mm
Color	Mill finished
Width	1000mm/1220mm/1250mm/1500mm/1570mm
Length	2440~6000mm
Surface	PE Protection film

Application:



Workshop construction



Pipe insulation



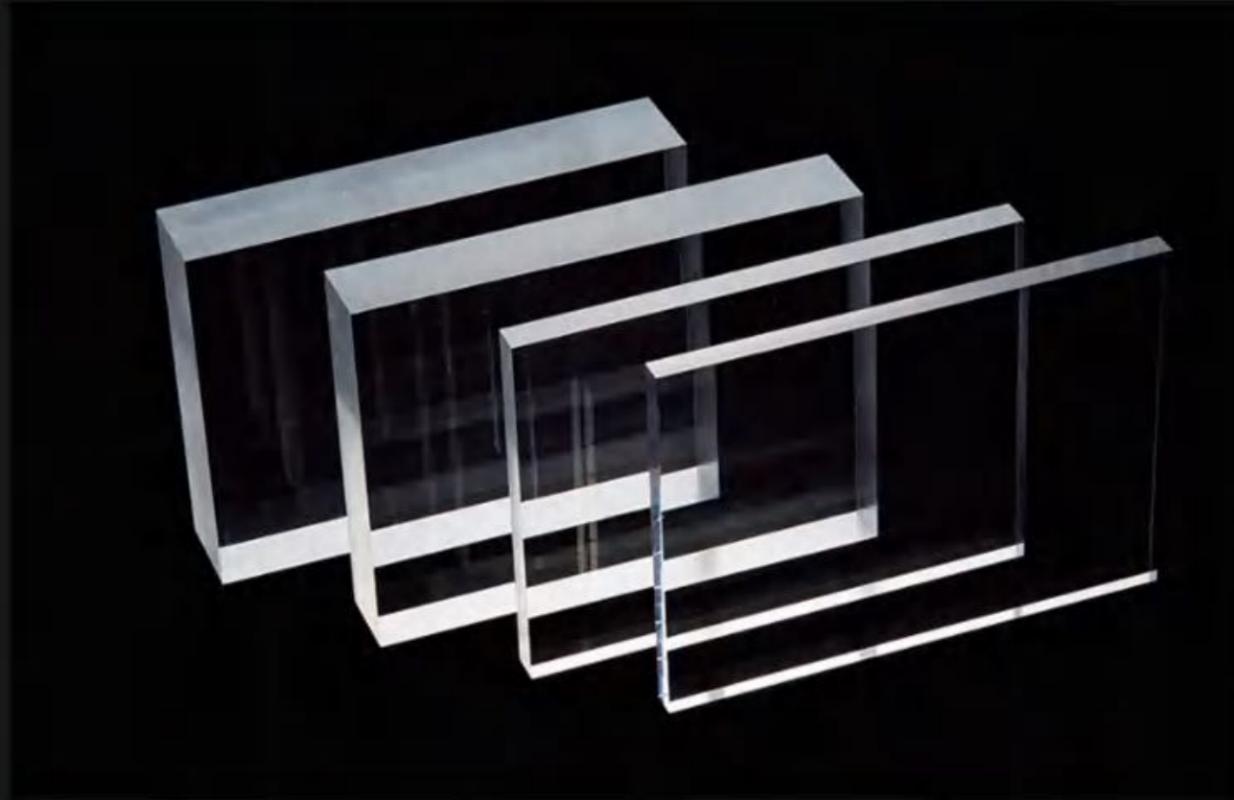
Automobile manufacturing



Signage

CAST ACRYLIC SHEETS

Product Description:



Product parameters:

Product	Cast acrylic sheet
Color	Transparent(clear), white, opal, black, red, green, blue, yellow, etc. OEM color OK
Thickness	1.8, 2, 3, 4, 5, 8,10,15,20, 30, 50,60mm (1.8-60mm)
Size	1220*1830, 1220*2440,1270*2490, 1610*2550,1440*2940, 1850*2450, 1050*2050,1350*2000,2050*3050,1220*3050 mm
Certificate	CE, SGS, DE, and ISO 9001
Material	100% New Virgin Raw Mitsubishi Material
Application	Advertisement &furniture &printing &construction .etc

Features:

- High transmittance up to 92%;
- Light weight: less than half as heavy as glass;
- Excellent weather resistance to against discoloration and deformation;
- Exceptional impact resistance: 7-16 times greater impact resistance than glass;
- Excellent chemical and mechanical resistance: resistance to acid and alkali;
- Ease of Fabrication: Acrylic sheet can be s painted, silk-screened, vacuum-coated, and also can be sawed, drilled, and machined to form almost any shape when heated to a pliable state.

Environment-friendly

Complete in specification

Long service life

Excellent insulation properties

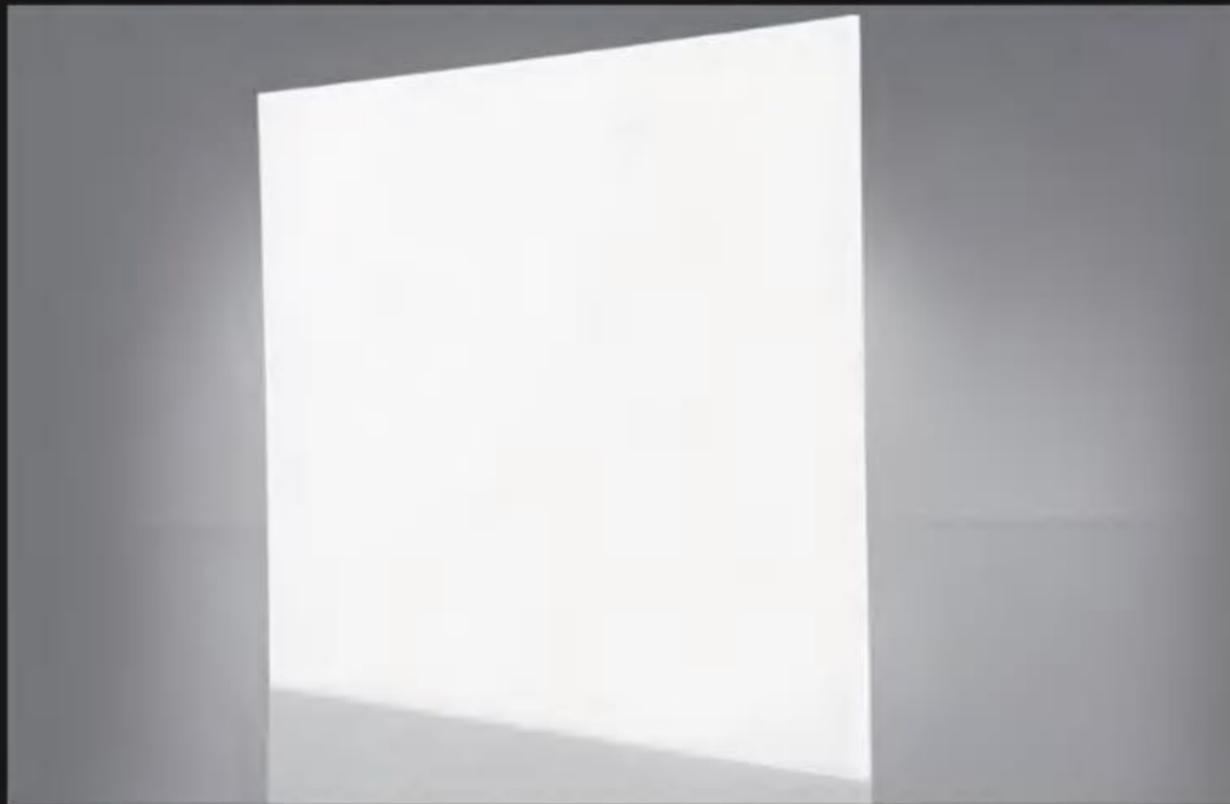
Superior impact resistance

Light weight

Application:



POLYCARBONATE SHEETS



Features:

Polycarbonate sheet is a polished surface, UV stabilized product for use in glazing and industrial applications. PC sheet features outstanding impact strength and superior dimensional stability. Virtually unbreakable, it is a cost effective solution in a wide range of industrial, glazing, design, and structural applications, and thermoformed and fabricated components.

Polycarbonate sheet is a polished surface, UV stabilized product for use in glazing and industrial applications. PC sheet features outstanding impact strength and superior dimensional stability.

Thermoforming

Formed shapes

Close to unbreakable

Weather resistant

Product Description:



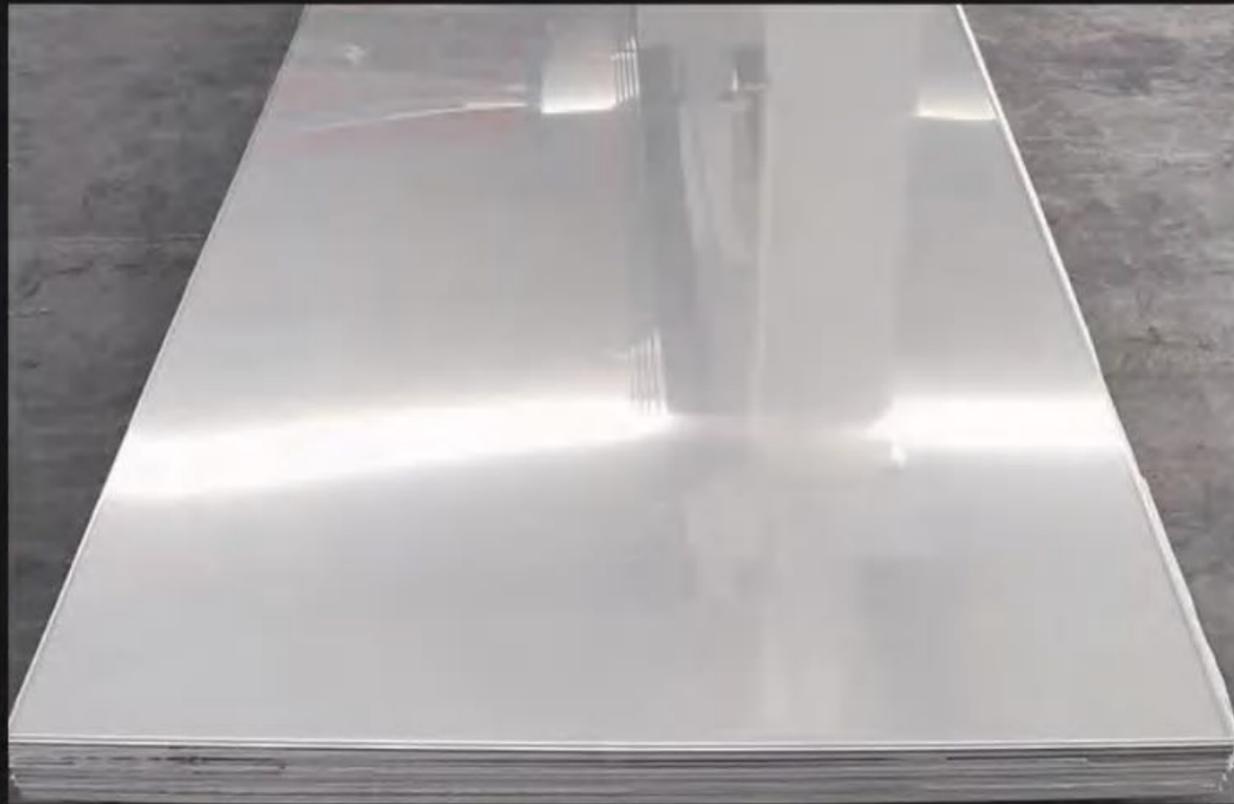
Product parameters:

Product	Polycarbonate sheets
Product name	PC Endurance Board
Color	Clear, green, blue, red, white, black, Gray ,etc.
Thickness	0.5mm~100mm
Size	1.22m*2.44m, 1.22m*1.88m, 1.5m*3m, 2.05m*3.05m
Material	PVC, PP, POM, acrylic, nylon
Application	Balcony partition, furniture, kitchen cabinet door, advertising light box, billboard, etc

Application:



STAINLESS STEEL SHEET



Product Description:



Product parameters:

Product	Stainless steel sheet
Alloy	201/304
Thickness	0.1~20 mm
Length	100~12000 mm
Width	10~2000 mm
Surface	2B,2D,BA,NO.1,NO.4,NO.8,8K,mirror,checkered, embossed,hair line,sand blast,Brush
Application	Machine shells, cans, pressure vessels, automotive precision parts, boilers, energy

Features:

The stainless steel plate is accurate in size uniform in thickness easy to bend and reprocess and the products produced are of high quality. We use the best materials in the market to produce and improve the quality from the source. Reliable quality and we use the advanced technology for surface treatment. Professional cutting machine to ensure the accuracy at cutting and smooth surface. Accurate thickness, strictly tested before selling.

Careful material selection

Material surface processing

Professional cutting

Tolerance is accurate

Application:



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Application:

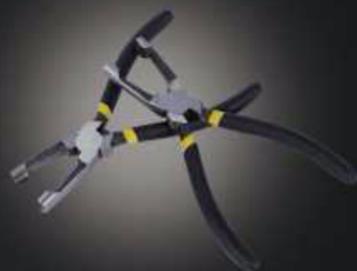


TOOLS AND ACCESSORIES ▼



23
A Type Bender

25
Lamp
Insertion Pliers



28
Neon Light Knife

30
Special Wire
For Neon Light



23
U Type Bender



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Crimping Pliers

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Neon Carving Knife



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AB Glue Gun



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F Type Bender

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Aviation Shears



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RGB Controller

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Hot Melt Glue Gun



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Metal
Bending Plier



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Acrylic Hook Knife

29
Strong Magnets



32
Hot Acrylic Heat Bender



25
Folding Plier

27
Electric
Screwdriver



30
ABGlue

A TYPE BENDER



Main uses: mainly used for bending and softening of various thermoplastic materials.

Applicable to a wide range of materials: acrylic, organic board, PVC materials and various thermoplastic materials.

Product Information

Power	39W
Temperature	200°C ± 5%
Voltage	110-240V
Size	100mm*25mm*2mm

U TYPE BENDER

Main uses: mainly used for bending and softening of various thermoplastic materials.

Applicable to a wide range of materials: acrylic, organic board, PVC materials and various thermoplastic materials.



Product Information

Power	60W
Temperature	200°C ± 5%
Voltage	110-240V
Size	100mm*25mm*2mm

F TYPE ARYLIC BENDER

It is mainly used for bending and softening various thermoplastic materials, such as heating bending of acrylic plates and edge bending of luminous characters

Widely used in acrylic, organic board, PVC and other materials



Product Information

Power	150W
Voltage	220V
Bend width	100mm
Bend thickness	2-4mm

METAL BENDING PLIER

It uses lever to apply force, and the jaws move in parallel to mold the edges

It is applied to the production and shaping of metal sheet; The corners are delicate and the arcs are round.

It is a necessary sharp tool for making metal characters by hand. The jaw moves in parallel, and the folding point is accurate without displacement

Product Information

Bend range angle	87-179°
Bend Height	10-80mm
Bending material	Stainless Steel , Aluminum , Galvanized sheet 3D high polymer ABS strips,
Bend thickness	< 0.5mm Stainless Steel , <0.7mm Aluminum < 0.6mm Galvanized sheet

FOLDING PLIER



Manual quick bending fixture Press brake is a new type of bending tool. It has light weight, fast bending speed, and good brightness. Not easily fading, improving production speed and reducing work costs

Product Information

Max thickness	0.6mm
Max width	10cm
Application	Bending and cutting
Warranty	1year

LAMP INSERTION PLIERS

The socket clamp for exposed lamp is a lamp bead clamping clamp specially developed by our company for exposed perforated characters, which is suitable for 9mm and 12mm exposed lamp beads. The tong body is forged with high-quality steel, quenched, durable, and the whole tong body is electroplated to prevent rust and wear



Product Information

Material	Iron
Specification	9/12MM
Application	Channel letter
Inner diameter of lamp jaw:	6mm*8mm

CRIMPING PLIERS

It is mainly used to assist the welding of stainless steel characters and iron sheet characters to facilitate positioning, avoid welding deviation, and protect hands from injury; It can be directly used for bending of thin and soft material aluminum edging, and can also be used for grooved hard metal edging for auxiliary bending.



Product Information

Shape	Flat mouth/right angle
Material	45 # steel
Application	Channel letter
Model	Four piece set, straight round, straight square, curved round, curved square

AVIATION SHEARS

Iron sheet cutting/stainless steel cutting/iron wire cutting/copper wire cutting aluminum alloy cutting/iron nail cutting, etc

Chromium vanadium alloy steel has higher forging hardness and is more durable



Product Information

Material	Alloy
Opening size	10 (mm)
Applicable size	Iron sheet \leq 1.2mm, stainless steel \leq 0.5mm, Aluminum alloy \leq 1mm
Blade length	40 (mm)



ACRYLIC HOOK KNIFE

The hook blade is short, sharp and firm
 With sharp blade, the cutting is smooth without deflection, and multi-layer cutting is free of pressure
 The hook blade is short, sharp and solid. It is mainly suitable for hook cutting plexiglass, plastic board, PVC and ABS board

Product Information

Product name	Acrylic hook knife
PVC	Texture of material
Enclosure	1 handle + 3 Blades
Size	161*25mm

ELECTRIC SCREWDRIVER

The installation is simple, one press and one place " can be completed, and the lock is fastened,
 This machine has the features of overload protection device, tool adjustment mechanism, automatic slipunloading after tightening the screws, forward and reverse conversion function, etc



Product Information

Rated voltage	12.24.28
Idle speed (mm)	400 650 850
Adjustment range	0.1-0.5
Applicable screw	M2.5-M5

NEON LIGHT KNIFE

Neon light belt making modeling cutting tool
 Knife edge hardness 640HV ensures 100000 times of cutting+



Product Information

Knife edge hardness	640HV
Material	Tungsten steel
Specifications	Right angle cutter
Model	Neon Light Knife

NEON CARVING KNIFE

Integral tungsten steel mirror surface process, high hardness, high wear resistance, sharp edge
 Good compatibility, easy to use, tighter clamping without slipping, and enhanced vibration resistance and milling speed of milling cutter



Product Information

Material	Tungsten steel material
Coating	AlTiN
Application	Engraving machine, CNC machining center, etc
Suitable for	6mm 8mm led neon strip

RGB CONTROLLER



The remote control adopts touch 433 RF
The controller adopts simple hardware shell.
Light and color adjustment, touch and feel very good
Gift box is used for packaging

Product Information

Working voltage	12V/24V
Output current	6V
Working mode	433 RF transmitter receiver/touch remote controller
Control distance	1020m (no shelter)

AB GLUE



Fully transparent, no whitening, no influence on lighting
Transparent and traceless, quick positioning, strong adhesive

Product Information

Capacity	500ml+500ml
Type	Liquid Chemical
Application	Stainless steel, Aluminum, Acrylic, PVC
Color	Transparent

STRONG MAGNETS

Strengthen the strength of the magnet, reduce the fragile problem of the core, adopt multi-layer protection and three-layer electroplating process, and greatly strengthen the corrosion prevention of rusty parts



Product Information

Product Name	Strong Magnets		
	Borderless pull ring magnet	Strong Magnets	Triangular magnet
Size	25*59mm	25*25mm	57*39*105mm
Application	Fixed in making channel letter		

NEON LIGHT WIRE

Refined oxygen free pure copper, soft wire core, bright color, good conductivity, stable voltage, no scalding, lower resistance environmentally friendly insulating transparent leather case



Product Information

Specifications	2*0.5 ²
Length	80m
Color	Transparent gold and silver wire
Material	Pure copper wire

AB GLUE GUN



The high-strength industrial plastic is used for integral pouring, which is durable and not easy to be damaged. Fine ruler pattern, neat arrangement and smooth use

Product Information

Proportion	1:1/2:1
Length (gun)	145mm
Length (push rod)	185mm
Material	PP+PA

HOT MELT GLUE GUN

High tech electronic ceramic PTC is used to rapidly heat up (reach the peak value in 2 minutes).

High speed sol 3 is highly efficient and energy-saving: lead-free, pollution-free, and environmentally friendly.



Product Information

Voltage	100V-240V
Power	120w
Warm up time	3-5 minutes
Frequency	50/60HZ

HOT ACRYLIC HEAT BENDER



Working principle:	Thermoforming
Width:	ABM700: ≤ 700mm
	ABM1300: ≤ 1300mm
Applicable thickness:	≤ 10mm
Input voltage:	100V-240V
Applicable thickness:	1-10mm
Operating power:	ABM700 : 1500W
	ABM1300 : 2000W
Temperature range:	0-600°
Package size:	1250*430*185mm
Packing quantity:	1 set / box
Net weight:	17KG
Rough weight:	23KG

Flexible LED strips
01-06



LED Neon Strips
09-10



07-08
Injection LED Module



11-16
Injection LED Module

S-TYPE LED STRIPS (HTS-2835-60)



Input	DC12V
Power	6&10W/m
PCB size	6.8mm
IP Rate	IP44&65
CCT	3000K/4000K/6000K/10000K/14000K/R/G/B/Y/P
Brightness	170-180 lumen/m
CRI	80

1



S-TYPE LED STRIPS (HTS-2835-120)



Input	DC12V
Power	10W/m
PCB size	6mm
IP Rate	IP44&65
CCT	3000K/10000K/14000K/R/G/B/Y/P
Brightness	280-300 Lumen/m
CRI	80

2



HEXAGON SHAPE LED STRIPS



Cool white



pure white



warm white



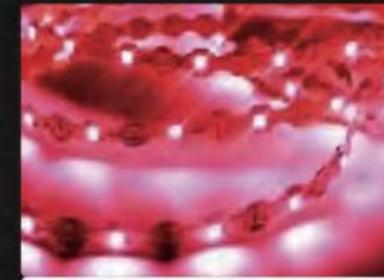
yellow



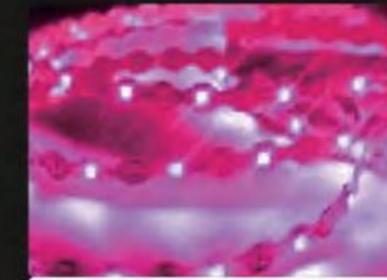
green



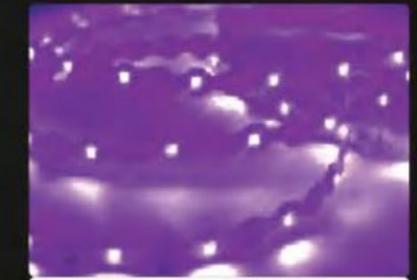
blue



red



pink

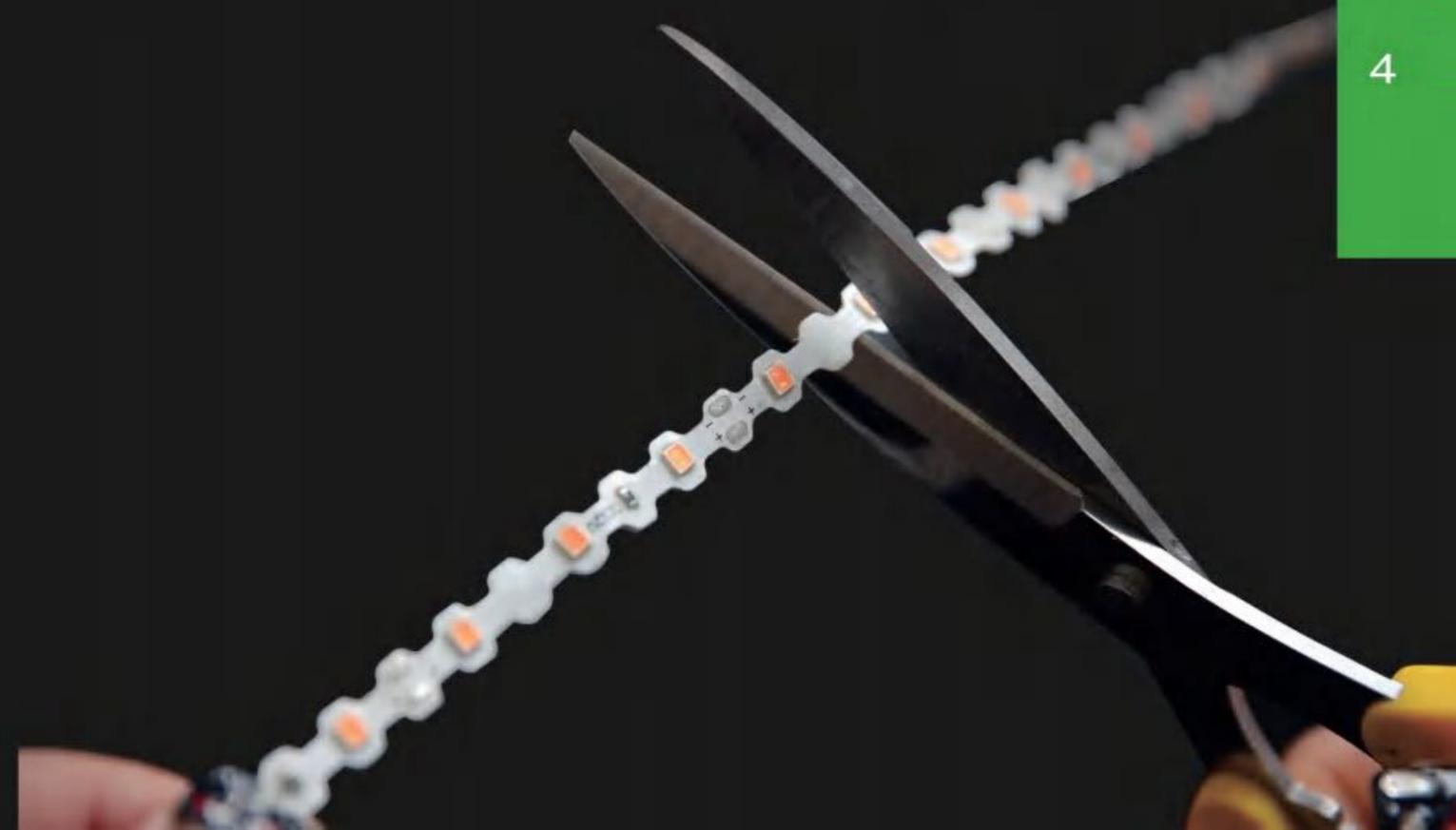


purple

3

LED/M	60LED/M	120LED/M
Power	6&10W/m	10W/m
CRI	80	
PCB size	6.8mm	6mm
IP Rate	IP44&65	
Brightness	170-180 lumen/m	280-300 Lumen/m
CCT	3000K/10000K/14000K/R/G/B/Y/P	
Input	DC12V	

4



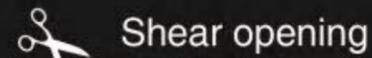
12 V ALUMINUM LED BAR

Aluminum PCB Board size:	950*15*1.0mm
Resistance:	1206/56R*2
CCT:	3000k-11000k
Lens material:	PMMA
Lens diameter:	14.5mm
Lens craft:	adhesive and dispensing
Beam angle:	170°
Single led lumen:	120LM
Maximum current:	150ma
Real current:	80ma
Waterproof grade:	IP20 (Indoor)
Led Bead:	SMD2838 (SANNAN CHIPS, 10*30*3), 2.6 CUP



Optical lens

Lens protection, bright light and high light efficiency

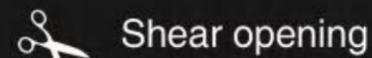


Shear opening



High thermal conductivity aluminum substrate

High voltage resistance, fast heat dissipation, long service life of LED lamp.

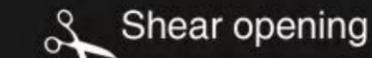


Shear opening



Safety resistance

Effectively prolong lamp bead life



Shear opening

5

6

Scenario Application



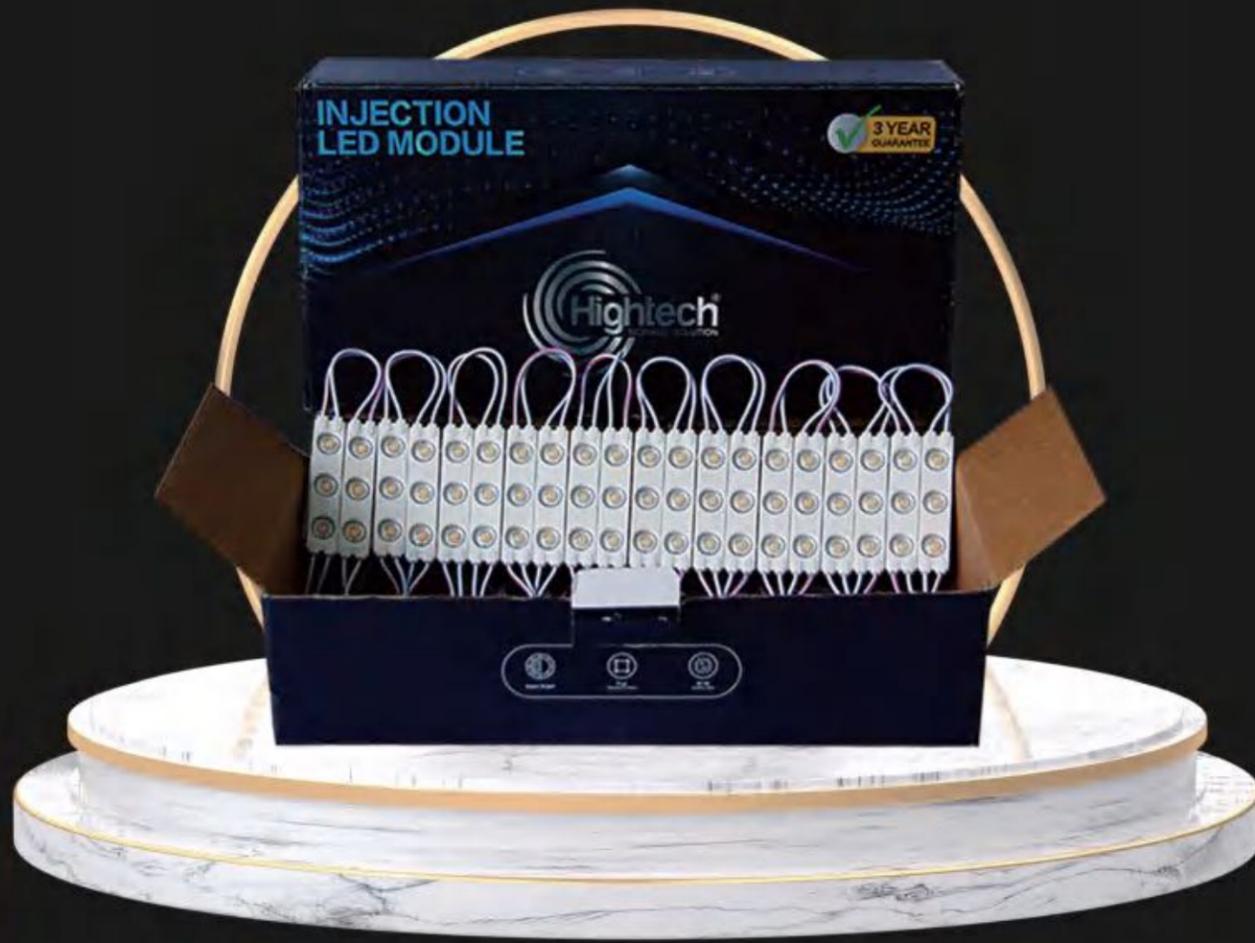
Billboard

Soft film small box

Indicator

Advertising light box

INJECTION LED MODULE (HT 6414-2835)



7

Watts per module:	1.5 W
Shell:	100% Pure ABS
Guarantee:	3 years
LED chip :	2835 chip Epistar Made in Taiwan
Wire:	12 string copper wire
Lumen:	180Lumen
Beam angle lens:	160° Degree Beam angle lens

INJECTION LED MODULE (HT 8218)



8

Watts per module:	1.5 W
Shell:	100% Pure ABS
Guarantee:	5 years
LED chip :	2835 chip Epistar Made in Taiwan
Wire:	12 string copper wire
Lumen:	200-220 lumen brightness
Beam angle lens:	170° Degree Beam angle lens

LED NEON STRIPS

LED NEON STRIPS

SOFT FLEXIBLE CASUAL LOOK

INSULATING NON LEAKAGE FLEXIBLE SILICA GEL CAN BE SHAPED ARBITRARILY



9

LED/m	120LEDs/m
Input	DC12V
Power	12W/m
PCB size	8mm
Size	6*12/8*16
Material	Silicon/Pvc
Cutable size	1LED/cut

10

HT RG SERIES

- Aluminum shell
- 100% Efficiency
- Strong load capacity



11

12

Features:

- ✓ Short circuit protection
- ✓ Over Voltage Protection IC
- ✓ Built-in Positive PFC
- ✓ Designed to against Dust / Humid /Heat and corrosion
- ✓ $PF \geq 0.98$, $THD \leq 20\%$
- ✓ Intelligent Over-Load Protection

Power:

12 V- 60 watt- 5 A	12 V- 120 watt- 10A	12 V-200 watt-16.6 A
12 V-300 watt-25 A	12 V-400 watt-33.3 A	

WATERPROOF SERIES POWER SUPPLY



Features:

This Product Equipped By Intelligent Over-Load Protection, Over Voltage Protection IC and Short circuit protection Designed to against Dust / Humid /Heat and corrosion Built-in Positive PFC , $PF \geq 0.98$, $THD \leq 20\%$

Product parameters

Input:	170-265VAC 50/60Hz	Input:	170-265VAC 50/60Hz
PF:	0.6max ta/tc:-45°~80°C	Method:	CV mode
Power:	12V-45watt	12V-60watt	12V-100watt
	12V-150watt	12V-200watt	12V-300watt
	12V-400watt		



INDOOR SERIES POWER SUPPLY



15

- ✓ Intelligent Over-Load Protection
- ✓ short circuit protection
- ✓ Built-in Positive PFC
- ✓ $PF \geq 0.98$, $THD \leq 20\%$
- Aluminum shell
- 100% Efficiency
- Strong load capacity
- ✓ Over Voltage Protection IC
- ✓ Designed to against Dust / Humid /Heat and corrosion

ALL METAL PROTECTIVE SHELL

The fuselage is made of high thermal conductivity aluminum alloy, which is reinforced and durable

Adjustable / full power

- ✓ Intelligent Over-Load Protection
- ✓ Short circuit protection
- ✓ Built-in Positive PFC
- ✓ $PF \geq 0.98$, $THD \leq 20\%$
- ✓ Over Voltage Protection IC
- ✓ Designed to against Dust / Humid /Heat and corrosion



16

INDOOR
LED POWERSUPPLY