



# Glory Sun Group

Your partner for customized silicone compression  
and injection molding parts.

# ABOUT GSUN



3

Company bases:  
in China(Kunshan &  
Mingguang) and  
Taiwan



150

Employees



30+

Years of experience  
in silicone molding  
field

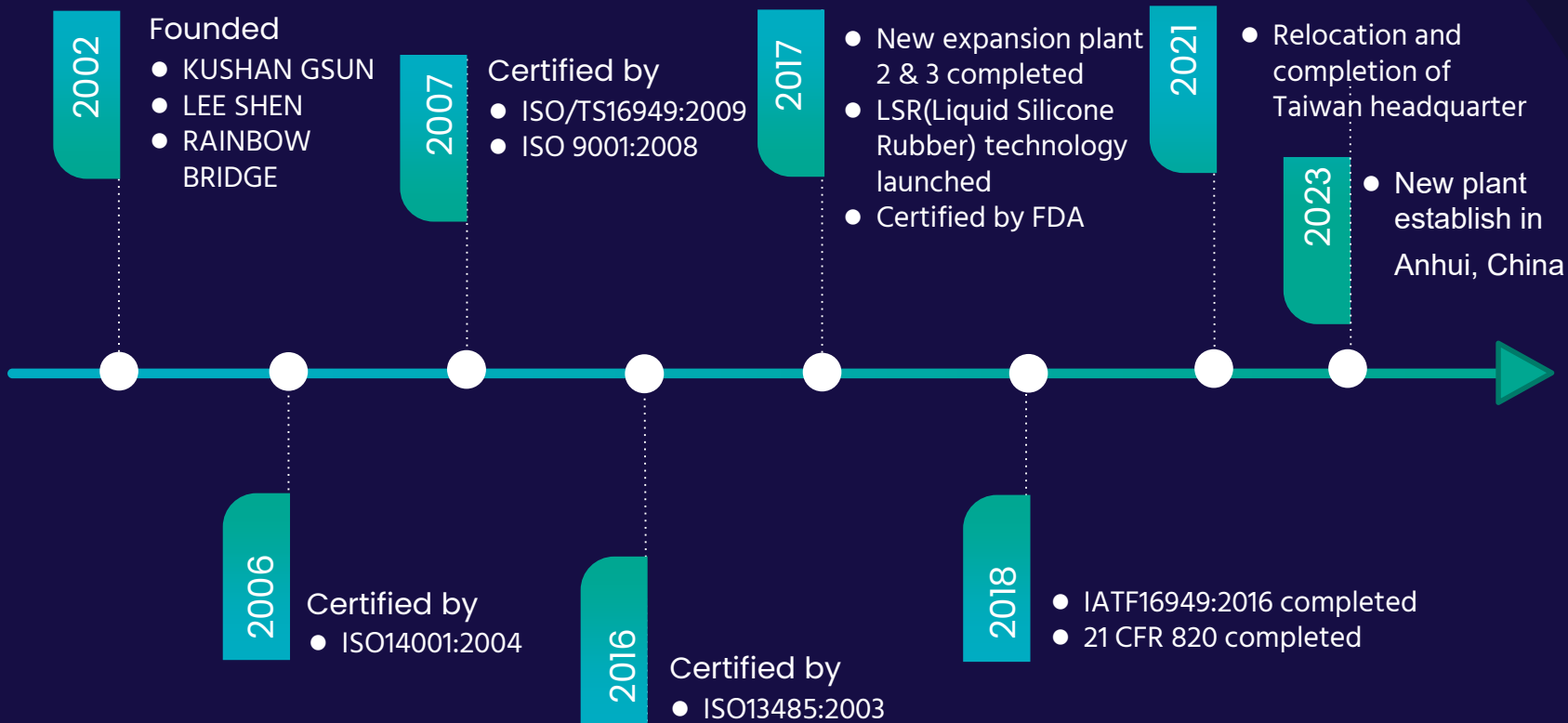


500+

Satisfied clients

GSUN  
上陽電子工業有限公司  
GLORY SUN INDUSTRIAL CO., LTD

# A BRIEF STORY



A white circular icon containing a blue target with a black bullseye and a green arrow hitting the center.

## MISSION

Quality is the foundation of our business. Our mission is to provide the best silicone rubber products with fine technology and fast L/T to support our customers.

A white circular icon containing a stylized blue eye with a black pupil and eyelashes.

## VISION

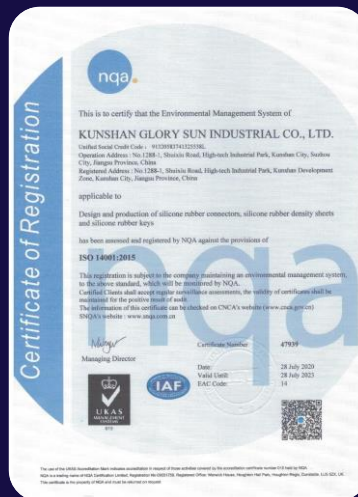
GSUN is devoted in resources integration, aiming to be the leading company in the field!

# CERTIFICATE

ISO9001: 2021



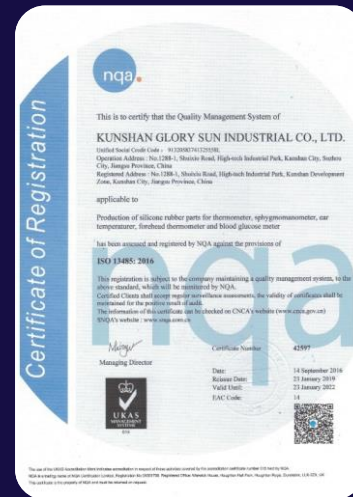
ISO14001: 2015



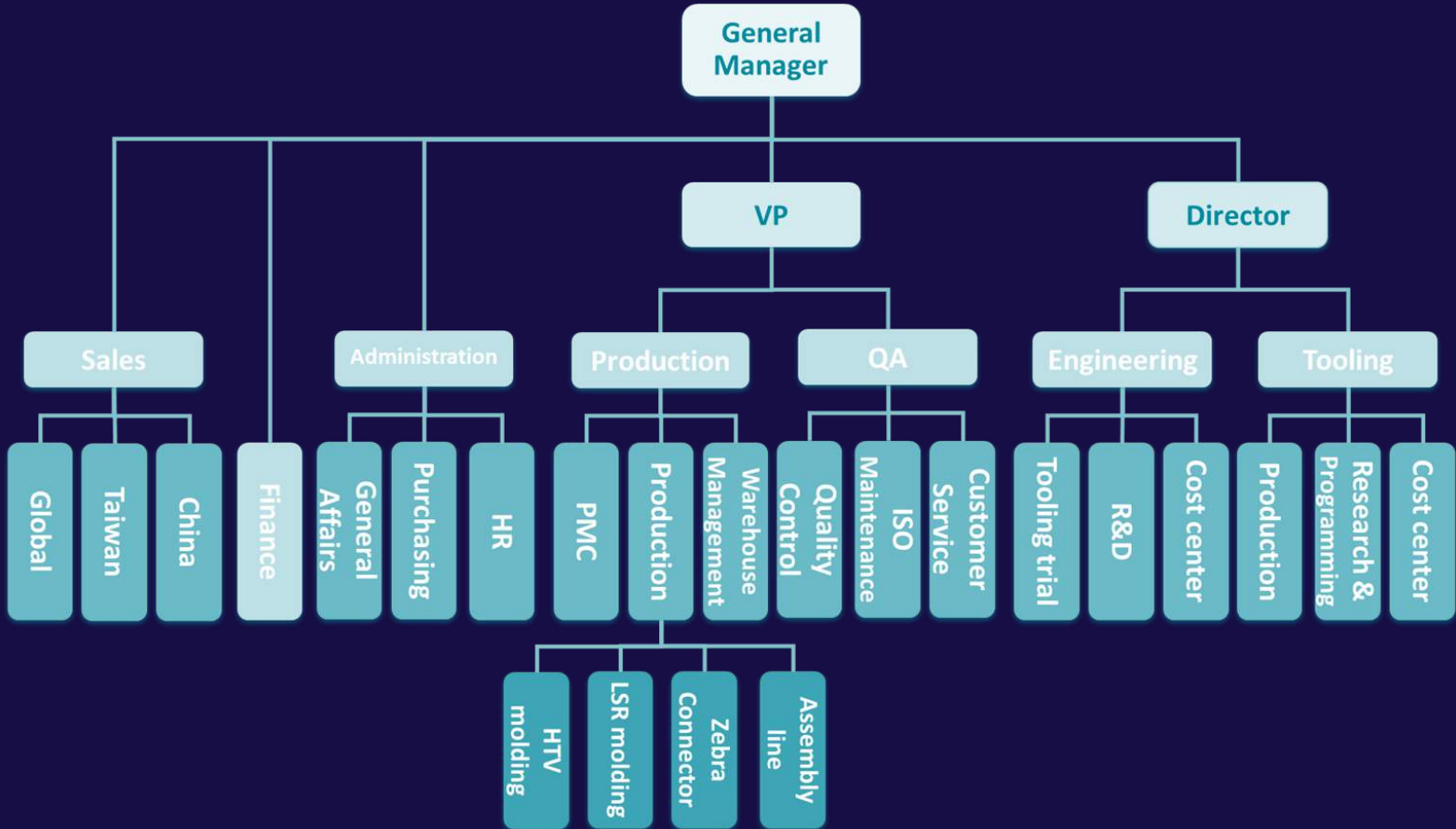
IATF16949: 2021



ISO13485: 2016



# ORGANIZATION CHART



# PRODUCTION FACILITIES I

Chinese	English	Q'ty
8"原料混煉機	8" Raw material mixes	2
12"原料混煉機	12" Raw material mixes	2
14"原料混煉機	14" Raw material mixes	1
三滾輪	Three rollers	1
切料機	Blanking machine	2
壓延成型機	Stamping forming machine	2
冷壓機	Chilling press	1
250T油壓成型機	250T Oil hydraulic press	12
250T真空油壓成型機	250T Vacuum press	4
300T真空油壓成型機	300T Vacuum press	14
120T LSR臥式液態硅膠射出機	120T LSR horizontal injection machine	2
100T LSR立式液態硅膠射出機	120T LSR vertical injection machine	1
7.5P靜音無油空壓機	7.5P silent oil-free air compression machine	1
汽動沖床	Pneumatic punching machine	4
油壓沖床	Oil pressure punching machine	1
8T沖床	8T punching machine	3
微電腦大切機	Automatic cutting machine	2
自動研削機	Automatic grinding machine	1

# PRODUCTION FACILITIES II

Chinese	English	Q'ty
JS-1320微電腦裁切機	JS-1320 Microcomputer cutting machine	1
650M 微電腦裁切機	650M Microcomputer cutting machine	1
1000M 微電腦裁切機	1000M Microcomputer cutting machine	1
立式單門烤箱	Vertical single gate oven	8
UV機	UV tunnel type oven	1
五層預熱機	Five-Layer Preheater	1
表面處理機 (火花機)	Automatic flame surface treating machine	1
手動動絲網印機	Manual screen printing machine	4
自動絲網印機	Automatic screen printing machine	2
手動移印機	Manual Pad printing machine	1
自動移印機	Automatic Pad printing machine	2
手動點膠機	Manual dispensing machine	2
自動點膠灌膠機	Automatic dispensing and filling machine	2
自動滴膠/打磨機	Automatic dispensing and polishing machine	1
橡膠模具專用洗模機	Rubber mold cleaning machine	1
15P 螺桿式空壓機	15P screw air compressor	1
21P 螺桿式空壓機	21P screw air compressor	1
導電粒專用真空機	Conductive pill vacuum machine	1

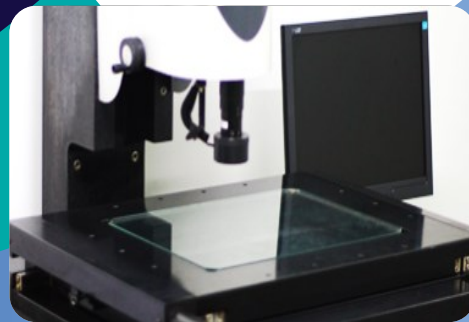
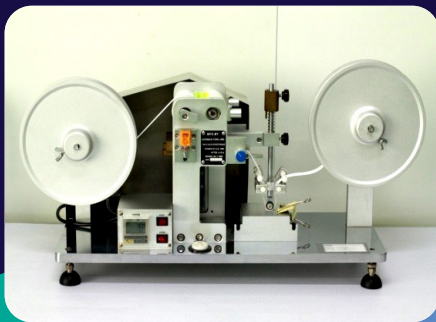


# INSPECTION EQUIPMENT I

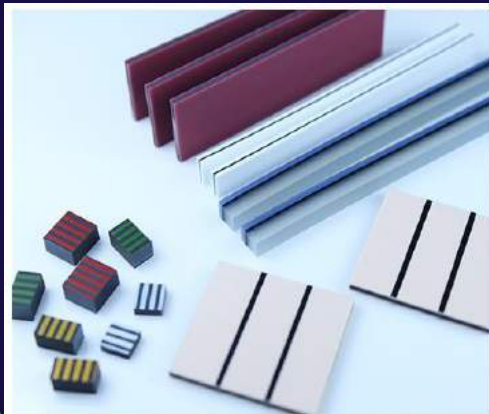
Chinese	English	Q'ty
2.5D 400*300自動投影儀	2.5 Automatic optical measuring instrument	1
2.5次元投影儀	2.5 Optical measuring instrument	1
RCA耐磨擦測試機	Abrasion test machine	1
全自動曲線測試機	Automatic curve tester	3
按鍵壽命測試機	Keypad life machine	1
40倍工具顯微鏡	40X Microscope	1
橡皮耐磨擦測試儀	Eraser abrasion test machine	1
導電條阻抗測試機	Rubber connector conductivity tester	1
導電粒阻抗測試機	Conductive pills conductivity tester	1
硬度測試座	Durometer	1
模厚測試儀	Coating thickness tester	1
光度計 (流明計)	Digital lightmeter	1
半自動荷重測試機	Semi-automatic actuation force tester	1
手動荷重測試機	Manual actuation force tester	2

# INSPECTION EQUIPMENT II

Chinese	English	Q'ty
游標卡尺 (300mm)	vernier caliper (300mm)	1
游標卡尺 (200mm)	vernier caliper (200mm)	1
游標卡尺 (150mm)	vernier caliper (150mm)	3
碼錶厚度測定器	caliper	6
溫度測試儀	Temperature measuring device	1
標準砝碼	Standard test weight	1
標準塊規	Standard block gauge	1
CCD影像檢測機	CCD Image Inspection	1
雙黑粒導通阻抗檢測機	Impedance Machine	2



# Product Category



## SILICONE ZEBRA CONNECTOR

Silicone zebra connector is reliable and stable, widely applying to various LCD panel to be the bridge of LCD panel and the PCB, such as phone screen, car control screen, industrial device screen, instrument panel, and so on.



## LIQUID SILICONE RUBBER(LSR) PARTS

Liquid Silicone Rubber (LSR) is injection molding process technology with countless advantage like product accuracy, high production capacity and so on. Products are widely used on daily necessities, medical, electronic, automotive products.



## RUBBER KEYPADS

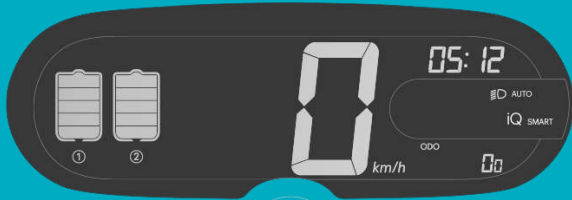
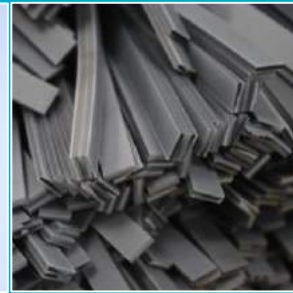
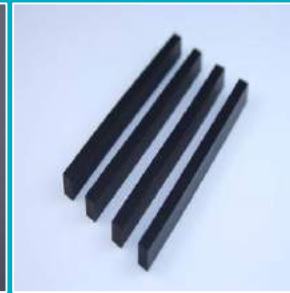
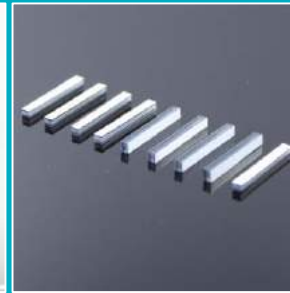
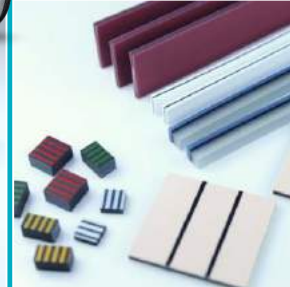
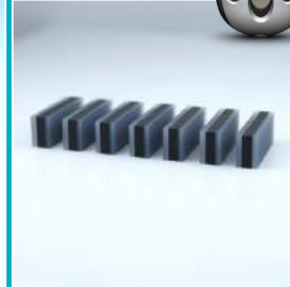
Rubber keypad can be found all over in our daily life, no matter visible or invisible. They are essential parts in almost all devices.



## RUBBER PARTS

Services of GSUN include all the rubber/ silicone rubbers made by compression. According to different usage and request, we provide solution and service of high quality, such as o-ring, tubes, dust/ water-proof plug, protective jacket, bands, gasket, etc.

# Silicone Conductive Connector

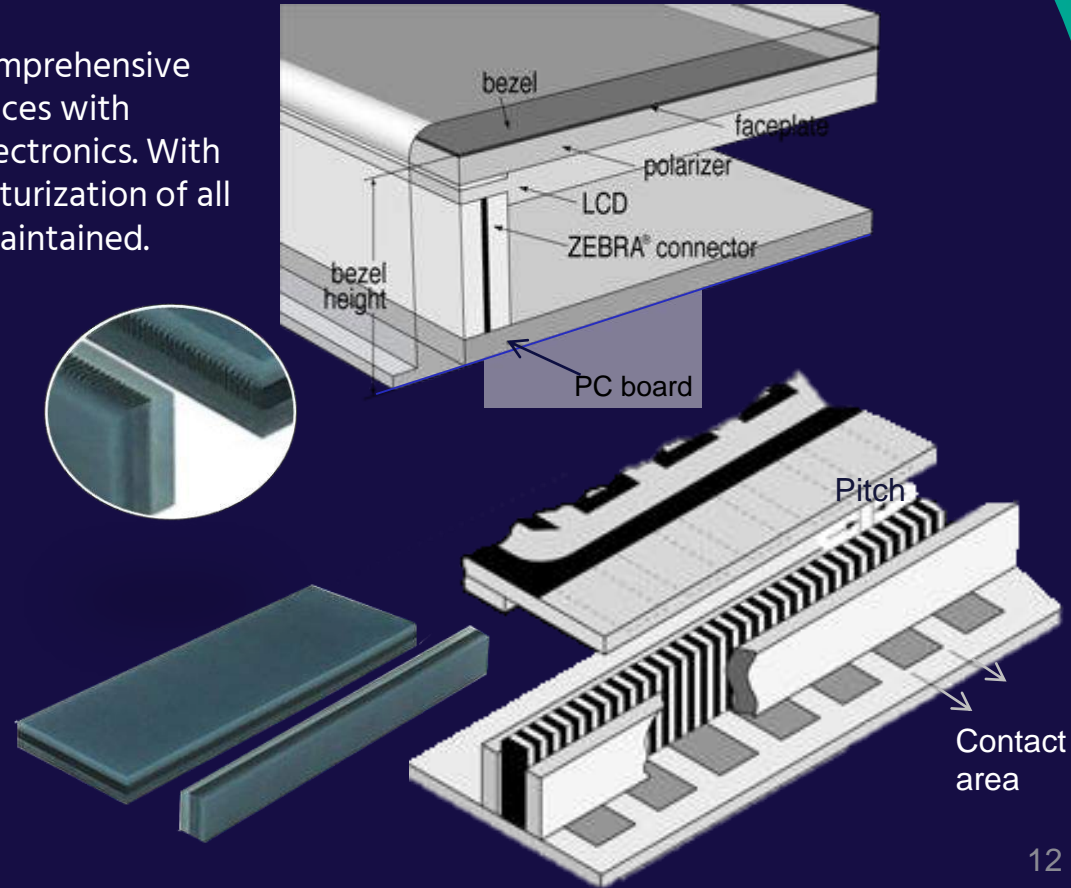




# What is Conductive Connector?

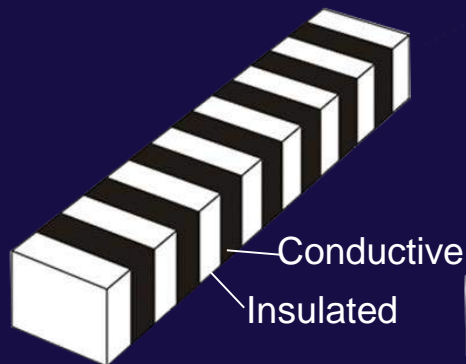
The conductive connector is considered a comprehensive group of high performance interconnect devices with applications throughout the entire field of electronics. With the expansion of micro-electronics and miniaturization of all products, the same high reliability must be maintained.

- High Density; increased number of I/O's
- Low resistance, high current capacity
- Low insertion force, low compression force
- Redundant contact engagement
- High electrical and mechanical reliability
- Chemical stability, degradation resistance
- Cost-effectiveness, ease of assembly

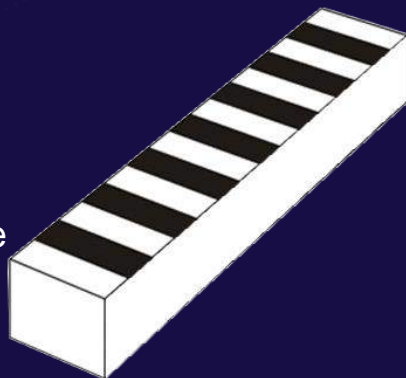


# CONDUCTIVE CONNECTOR TYPE

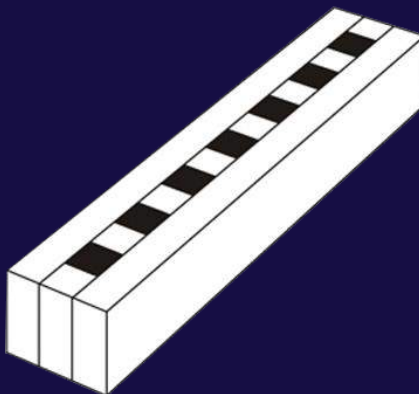
These are the most common Zebra connector types, others available on request:



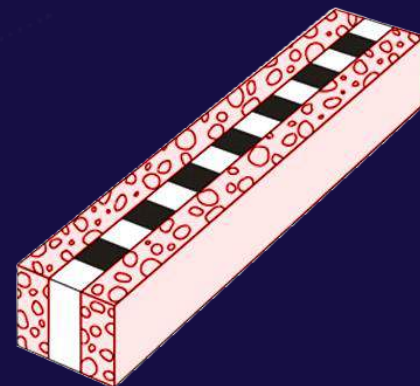
**GSI Type**  
No side isolation



**GSI2 Type**  
With printed side  
isolation



**GSS Type**  
With solid silicone  
isolation layers



**GSG Type**  
With soft foamed  
silicone isolation  
layers



GSUN introduce ARBURG Allrounder Golden Edition machines to fulfill high-end market.



LSR  
Workshop
















## Liquid Silicone Rubber (LSR)





# Why LSR ?

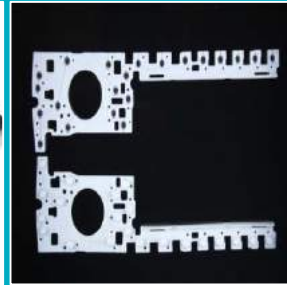
	Liquid Silicone Rubber		Solid Silicone Rubber
Material mechanical property	Supreme compression set and elongation, higher tear and tensile strength.		good compression set and elongation, high tear and tensile strength.
Hardness	10 shore A - 90 shore A		25 shore A - 90 shore A
Working temperature	- 40oC to 230oC		- 40oC to 230oC
Material	good insulation		good insulation 
Bio-compatibility	good food, water and medical contact, safe applications		Using for daily accessories , but can't be implanted into body skin and blood
Transparency	High Transparent		Low Transparent
Forming way	Injection Mold		Compression Mold
Technological Process	Simple (Automatically)		Complex (Labor)
Forming Time	20-120 Seconds		60-800 Seconds
Production Efficiency	High		Low
Precision	High, no flash		Low , few flash
Stability	High		Low
Waste	Little		Much
Workshop	Clean, dust-free		Clean room



# Molding Workshop



# Silicone Rubber Keypads



# What is Silicone Keypad?

Silicon keypads are currently used to make a direct or indirect connection to a circuit board or another switching mechanism fastened below.

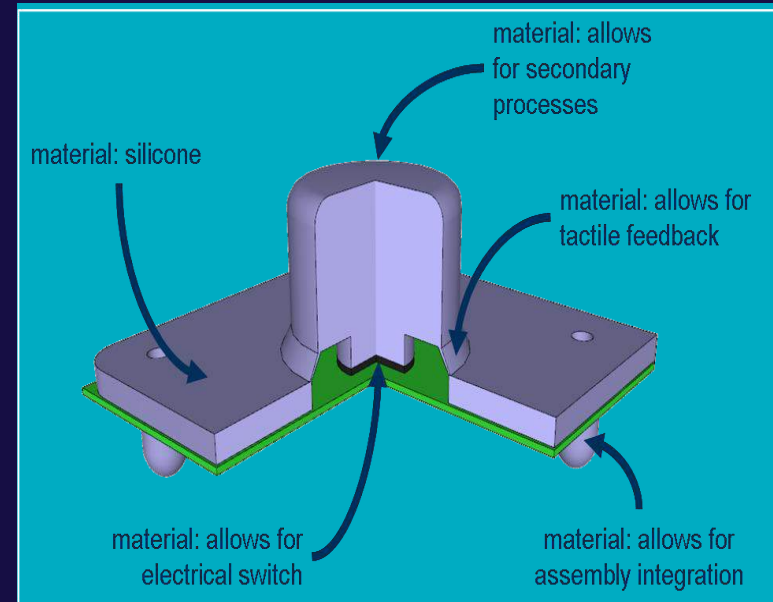
Here we must distinguish between keypads that trigger switches directly and indirectly.

- A) Direct contact with a rigid or flexible circuit board is established via carbon rams or carbon printing, metal contacts or polydome foil (printed metal-dome click-switches with silver conductors).
- B) Indirect connections are generally made using a customer-specific membrane keyboard and/or short-stroke key.

The keypads are generally made from 50-shore silicon rubber. The contact pressure varies from 20 to 350g depending on the construction type.

The expected lifetime also depends on the construction type, but lies somewhere between 500,000 and 10,000,000 actuations per key.

The keys are labeled using screen-printing. A PU coating seals the upper surface and protects the labeling from wearing off. Other opportunities for customer-specific upper surface designs are also available.





## Silicone Rubber Parts

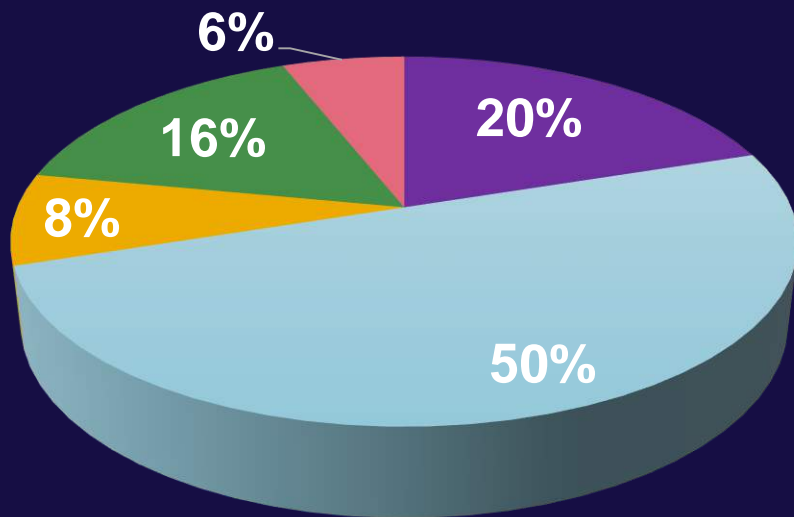




Tooling  
House



# MARKET SHARE



■ LCM (20%)

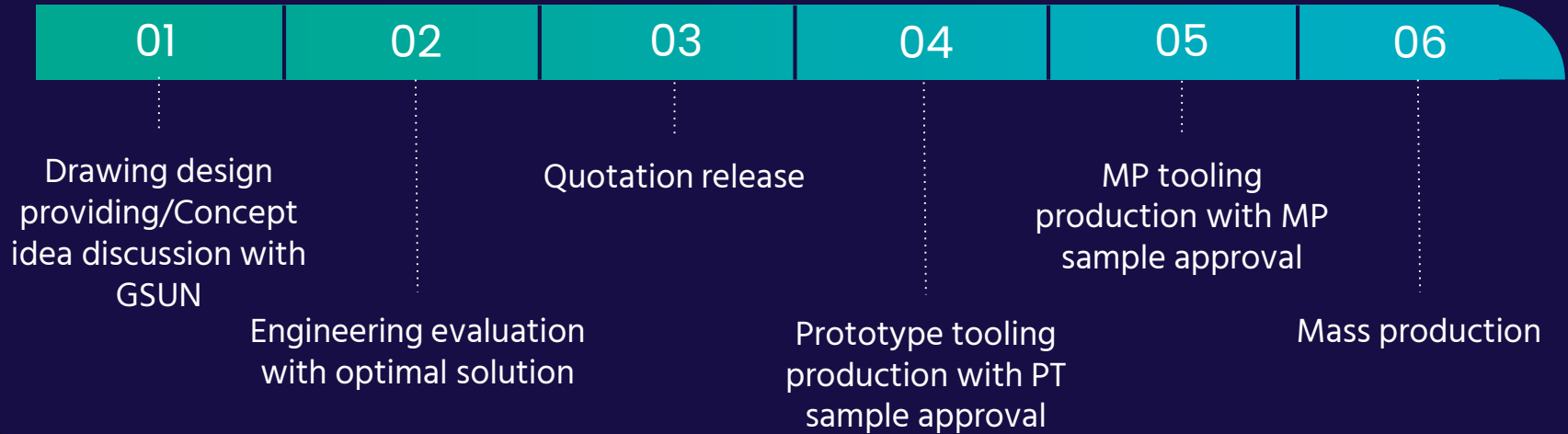
■ Automotive (50%)

■ Consuming Part (8%)

■ Medical Part (16%)

■ Industrial Part (6%)

# OUR PROCESS





# WHY US

- **Experience:** Leaders in GSUN have more than 30 years of experience in the rubber/ silicone rubber industry. We focus on providing high quality of rubber silicone parts to Automotive, Medical and Electronic devices.
- **Material:** Insist in using raw materials only from reliable brands such as Shin-Etsu and Dows.
- **Quality:** Complete inspection equipment for both verification and quality control.
- **Certificated:** Obtain complete certification (ISO9001/ ISO14001/ IATF16949/ ISO13485)
- **Production Management:** Well-organized SOP of production plan with full QC/QA implementation.
- **All advantages mentioned are qualified by our customers all over the world!**



# OUR CLIENT

# Automotive



OUR CLIENT

Automotive



*Cadillac*



PEUGEOT



JAGUAR



CHRYSLER



Jeep®



HYUNDAI



LADA

OUR CLIENT

Medical



OMRON

BIONIME



RAFI

# OUR CLIENT

# EMS



# JABIL



# ZOLLNER

## OUR CLIENT



**SEIKO**

**Canon**

## Consumer electronics



**CASTLES  
TECHNOLOGY**



**CASIO®**

**Mitutoyo**



**YAMAHA**

# OUR TEAM



## **KUNSHAN GLORY SUN**

China Market

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## **LEE SHEN ENTERPRISE**

Taiwan Market

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## **RAINBOW BRIDGE ENTERPRISE**

Global Service

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# THANKS

Do you have any questions?



<https://www.glorysungroup.com/>



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[Glory Sun Medical](#)