

# WELLE Technology Co. Ltd.

Quality is our promise

**Rubber / PVC/ Silicone Products**

[www.welletec.com](http://www.welletec.com)

Hangzhou, China

Welle Technology Co. Ltd.  
Hangzhou, China





- Our company is located in Hangzhou City, the capital city of Zhejiang Province, only 180km to Shanghai.
- With more than 30 years of experience in industrial area, we are able to provide various industrial products, incl. Rubber/Silicone products, fastener parts, Components of drive systems (industrial chains and special bearing), CNC precision machining parts (non-metal & metal), injection parts, and other customized products according to drawings and specifications. Our products are exported to America, Australia, Italy, the U.K. and other countries.
- Our factories (WelleTec Factory Club) which established by our family members and long-term partners could provide different kind of industrial products, with very competitive prices. WelleTec has also invested in operations of several other manufacturers to support stable our production and supply chain.
- Our Work is customer-oriented. Our products are cost-effective. Our service is efficient and has professional communication skills. Our goal is to provide products and services with good quality, competitive price, on time delivery for benefiting customers & partners.



# WELLE Technology

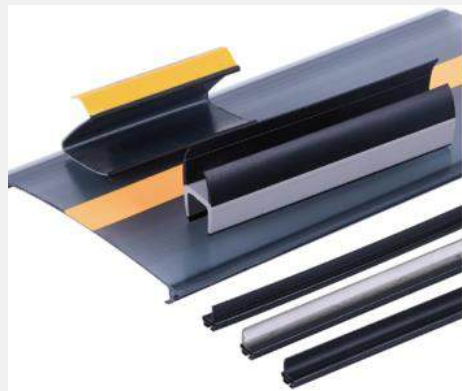
## Company Information & Our Philosophy

### Company Philosophy:

- Our products are cost-effective: balance quality-cost-delivery time of products & service
- Our work is customer-oriented: providing professional products and service
- We are good at communication skills: precise and efficient communication with partners/customers
- We have long-term cooperation with our customers & partners, with trust and quality.

### Our Goal:

- to provide products and service with good quality, competitive price, on time delivery for benefiting customers & partners
- To create greater value for customers than the product itself, such as efficient service and communication, comprehensive cost optimization and professionalism in the overall procurement of different products, and the ability to create more new products or solutions for customers.



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WELLE Technology Factory Club includes the following products:



### Customized Product Manufacturing

✓ With more than 30 years of experience, we are able to provide various industrial products. Incl.:

- **Rubber/PVC/Silicon products,**
- Fastener Parts
- CNC precision machining parts (non-metal & metal),
- Industrial Chains + Drive components
- Customized Bearing Unit
- 3D print products,
- Injection parts,
- Other customized products according to drawings and specifications.

#### Molded Rubber / Silicone Products



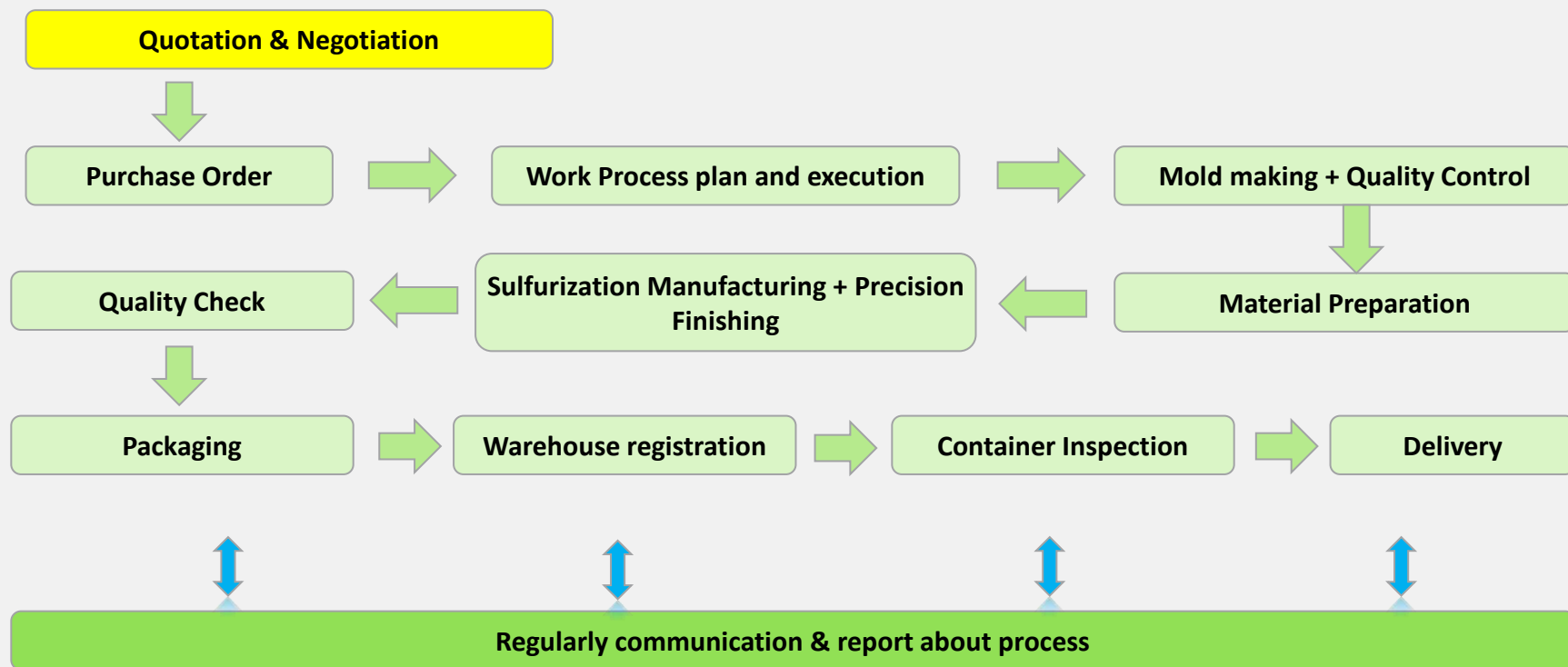
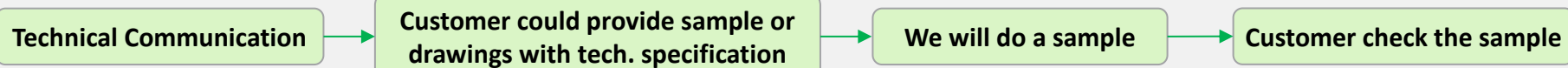
#### Extrusion Rubber/ PVC/ PU/ Foam Sealing Products



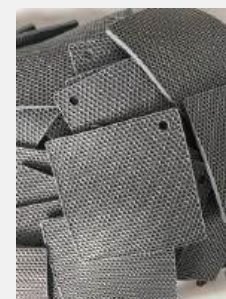
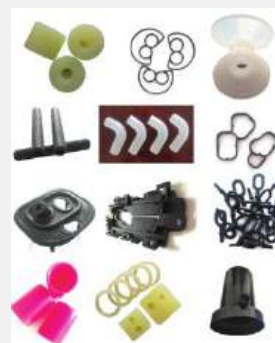
# Product Overview

## Rubber / Silicone Products

### Technical Communication and Order Process



### Molded Rubber / Silicone Products



- We produce different kind of rubber/ silicone products for many applications, e.g. sealing components, door stops, rubber gasket etc..
- Various material available: fluor rubber, silicone rubber, hydrogenated nitrile rubber, tetrafluoro elastomer, nitrile rubber, natural rubber type, EPDM rubber, and etc.
- Customized rubber/silicone products according to customers' drawings or samples.
- Quality control from raw material preparation, precision molds making, sulfurization manufacturing process to precision finishing



# Product Overview

## Molded Rubber Products – Sealing Rings & Gaskets



**Customer customized sealing rings and gaskets**



**Large size sealing ring**

**According to customer requirements, our rubber products can achieve different characteristics, such as:**

- ✓ Resistant to high and low temperatures
- ✓ High elasticity and flexibility
- ✓ Wear resistance
- ✓ Environmental and hygiene characteristics
- ✓ Waterproof performance, electrical insulation





## Product Overview

### Molded Silicone Products

**According to customer requirements, our silicone products can achieve different characteristics, such as:**

- ✓ Resistant to high and low temperatures
- ✓ High elasticity and flexibility
- ✓ Wear resistance
- ✓ Environmental and hygiene characteristics, e.g. Non toxic and odorless, easy to clean
- ✓ Waterproof performance, electrical insulation



### Applications:

- Industry: seals, gaskets, O-rings, etc.
- Electronic and electrical: seals, insulation gaskets, etc.
- Food industry: baking molds, food packaging, etc.
- Medical devices: catheters, seals, heart valves, etc.
- Baby products: pacifiers, bottles, children's utensils, etc.

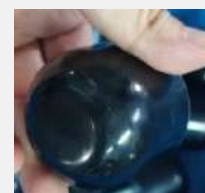


# Product Overview

## Molded Rubber Products - Shock Absorber Parts

**Rubber shock absorber parts could be used in following application:**

- ✓ Industrial field: mechanical equipment, heavy equipment
- ✓ Construction field: building foundation, Elevators and stairs
- ✓ Automotive field: engine compartment, Suspension system, tires and chassis
- ✓ Home appliance field: washing machine and refrigerator, air conditioning and fan
- ✓ Aviation and railway fields: airplane, railway vehicles
- ✓ Medical field: medical equipment
- ✓ Electronic and communication equipment: Electronic instruments, communication equipment



# Product Overview

## Molded Rubber Products – other customized parts



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### Extrusion Rubber/ PVC/ PU/ Foam Sealing Products



- We specialize in producing and providing PVC, PVC foam, EPDM extruded rubber, sealing strip silicone (SR), chloroprene rubber (CR), nitrile rubber (NBR), TPE, TPV, TPR, PU Foam, and other extruded rubber products.
- Our factory has a comprehensive system integrating production, sales, and scientific research.
- We have several professional production lines for composite extrusion and single extrusion large-scale vulcanization, as well as multiple flat vulcanizing machines. We establish a rationalization room, a metrology room, testing and metrology equipment, and dedicated personnel. Establish a one-stop assembly line production mode for raw material configuration, mold development, and product molding.
- Our products are widely used in industries such as automobiles, ships, industrial doors, motor cabinets, doors, windows, and curtain walls. Our factory and products have successively passed SGS certification and ISO9001 2000 international certification.



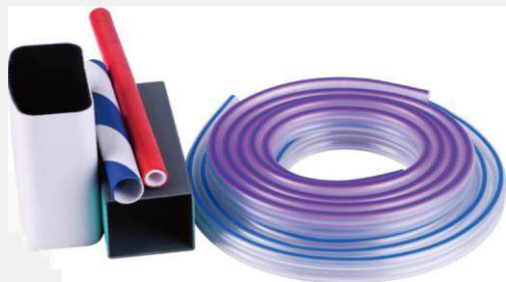


# Product Overview

## Extrusion PVC product information

### Customized PVC extrusion products:

- ✓ Our factory is focusing on PVC modification and R&D for more than 20 years. It has established a database of more than 3000 PVC formulations. The company's technical level and production capacity are in a leading position among domestic counterparts.
- ✓ According to the color cards and pantone codes or actual sample, experienced company engineers can adjust the color accurately.
- ✓ We use different manufacturing equipment to get PVC products with required characters (incl. pass REACH, RoHS and other environmental certification):
  - PVC cold extrusion profile
  - PVC vacuum forming profile
  - PVC flexible profile
  - PVC co-extruded profile
  - PVC co-extruded pipe
  - PVC rigid pipe
  - PVC flexible pipe
  - PVC photo frame strip, PVC corner guard strip,
  - PVC wood plastic foam profile
  - PVC special customized pipe
  - PVC decorative foam profile



# Product Overview

## Extrusion PVC product information

### Customized PVC extrusion products:

- ✓ Fine finishing process: in the cutting, opening, bronzing, laminating, expanding, bending, tapping and other aspects of fine finishing, we have complete types of processes. High degree of customization, good accuracy of tooling.



扁口/Flat mouth



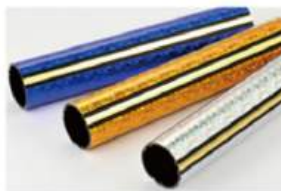
螺口/Screw mouth



扩口/Enlarged mouth



弯管/Curved pipe



烫金/Gilding



印刷/Printing



切割开孔/Cutting and drilling



定制配件/Fittings



覆膜/Decorative film appty

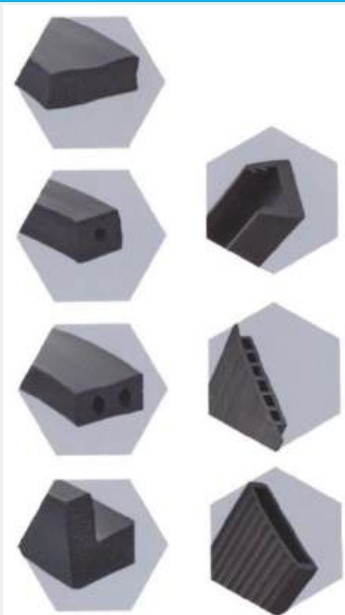


# Product Overview

## Extrusion EPDM product information

### EPDM foam sealing strip series

- ✓ This series includes EPDM foaming sponge flexible sealing strip, silicon foaming sponge flexible sealing strip and EPDM foaming EPDM dual compounding compacted strip. With up to 75% compression rate and 20-35 degree hardness, these products are of excellent water proof performance, adhesiveness seal ability and thermos stability, aging-resistance.
- ✓ Primary functions: Shock-proof, buffering, sealing, sound-proof, damp-proof.



### EPDM sealing/ retardant rubber strip series

- ✓ Retardant tape: from EPDM rubber vulcanization process using microwave forming a smooth surface appearance, non-toxic, solvent-free, for a variety of chemical industry, construction steel roof, color steel lap joint, architectural lighting projects.
- ✓ It has excellent air tightness, water resistance, weather resistance, corrosion resistance, low temperature and strong adhesion characteristics.
- ✓ It has good flexibility and resistance to compression, resistance to weather aging, ozone resistance, chemical resistance, and wide temperature range (-40C +120C), excellent performance.
- ✓ It has been manufacturing automotive Fenestration other widely used. Different shapes, different materials, or cold, heat, foam, solid body, as well as a special performance requirements for products, can meet the needs of design and use.
- ✓ Retardant standards UL, flammability rating Vo grade.





## Product Overview

## Extrusion PU product information

PU foam sealing strip series:

- ✓ high-elastic polyurethane inner core, high abrasion-resistant PE film coating, keep constant after 200 thousand times collision testing.
- ✓ Low moisture uptake, low compressibility index
- ✓ Superlative silence
- ✓ The different Colors of PU are available.
- ✓ Products could pass AAMA Certificate, UL Certificate
- ✓ The pictures show some example PU foam sealing strips, which we already manufactured or have the mold. For more reference example pictures/drawings, pls. contact us.



## Extrusion PU product information



# Product Overview

## Extrusion Rubber Sealing Products – Application Examples

### Doors and Windows Strip Series



**Classification of rubber sealing strip: EPDM sealing strip, sealing strip, CR sealing strip, NBR sealing strip.**

- ✓ EPDM sealing strip: great weather resistance, ozone resistance, compatibility with silicone adhesive, pollution-free glass cement.
- ✓ SR sealing strip: better ozone resistance, temperature resistance, excellent compressive deformation performance and good elasticity.
- ✓ CR sealing strip: better weather resistance, fire resistance, high mechanical strength and excellent wear-resisting property.
- ✓ CR sealing strip: better weather resistance, fire resistance, high mechanical strength and excellent wear-resisting property.



### Glass Curtain Wall Strip Series



**Classification of sealing strips according to the materials: EPDM rubber sealing strips, plastic sealing strips, thermoplastic elastomer(TPE) sealing strip.**

- ✓ Classification of sealing strips according to the feature: weather strip and regular sealing.
- ✓ Classification of sealing strips according to the rubber composite structure: pure glue sealing strip, dual compound sealing strip-made by dense rubber and foam sponge rubber.
- ✓ Classification of sealing strips according to the surface treatment status: some strip surface is treated with additional treatment named as pile coating sealing strip, surface coating sealing strip and fabric pasted sealing strip.

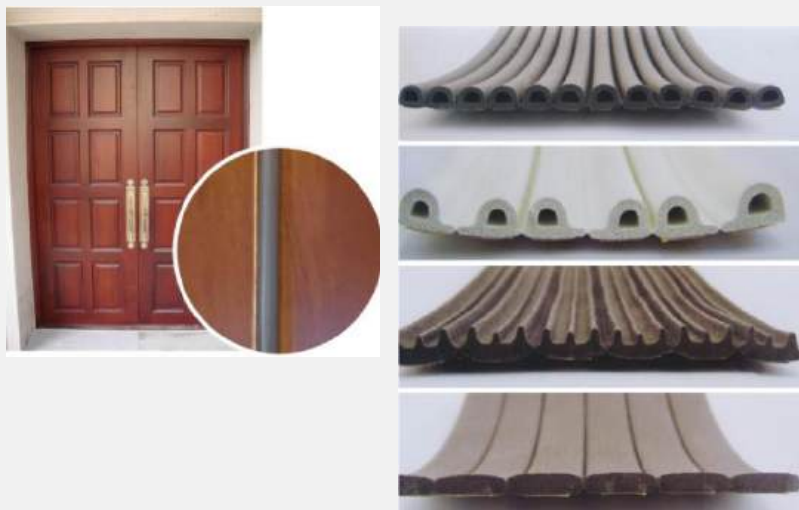




# Product Overview

## Extrusion Rubber Sealing Products – Application Examples

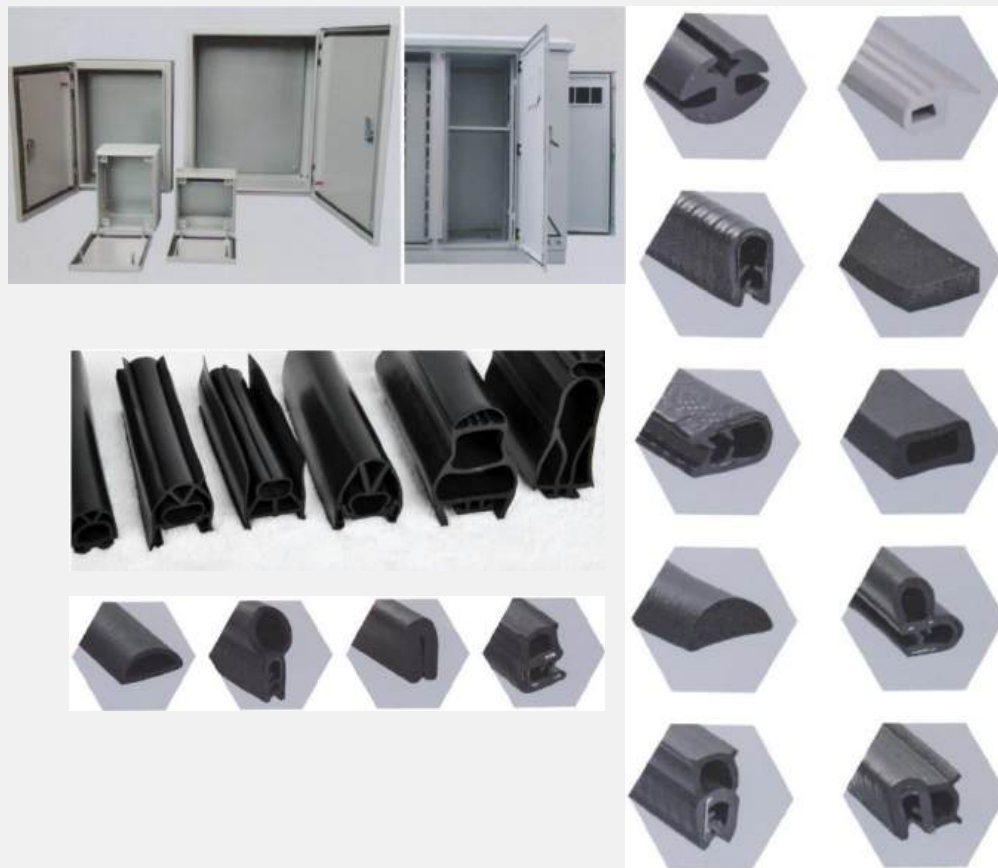
### Wooden door self-adhesive sealing series



**Manufacturing according to customers' drawings or sample.**

- ✓ Material: EPDM foam rubber
- ✓ Structure: D/E/P/I-form
- ✓ EPDM foam sealing strips are made of high-quality EPDM raw materials. They have good elasticity, scalability, weather resistance, strong antioxidant ability, as well as UV resistance and acid and alkali resistance. They are currently the most widely used rubber material.

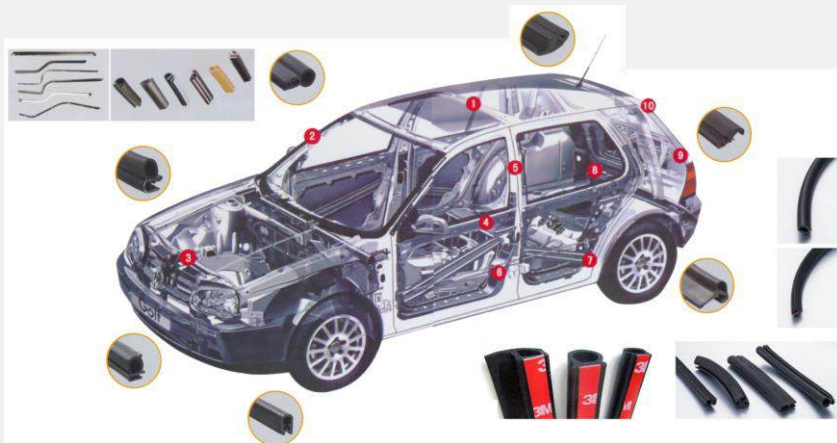
### Electrical equipment box sealing series



# Product Overview

## Extrusion Rubber Sealing Products – Application Examples

### Car Sealing Products



- ✓ Roof window sealing gaskets
- ✓ Front wind field glass sealing gaskets
- ✓ Sealing gaskets for the cover of engines
- ✓ Sealing gaskets for the cover of engines
- ✓ Sealing gaskets for door lift glass runners
- ✓ Door external ornamental sealing gaskets
- ✓ Door sealing gaskets
- ✓ Triangle window sealing gaskets
- ✓ Boot cover sealing gaskets
- ✓ Back wind field sealing gaskets

### Marine Sealing System



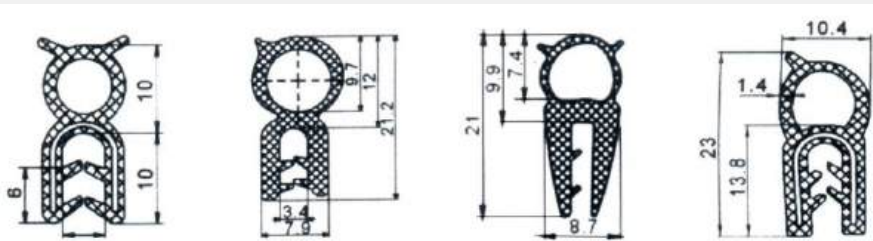
- ✓ Ship decorative layering is flexible, malleable PVC or has good flexibility and resistance to compression deformation, anti-aging, ozone and chemical action, wide temperature range (-40C to 120C) ternary EPDM rubber, contains a unique metal fixture and tongue-shaped buckle, durable.
- ✓ Recommended temperature range:
  - ✓ PVC-20F-150F (-29°C-65.5°C)
  - ✓ EPDM-40F-248F (-40°C-120°C)



# Product Overview

## Extrusion Rubber Sealing Products – Example Rubber Sealing Profiles

- ✓ The pictures show some example EPDM sealing rubber sealing strips, which we already manufactured or have the mold.

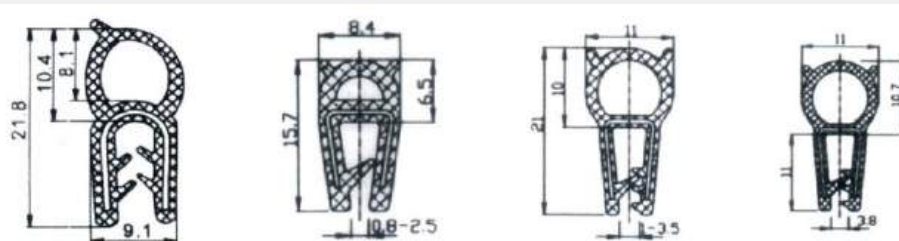


EPDM-001

EPDM-002

EPDM-003

EPDM-004

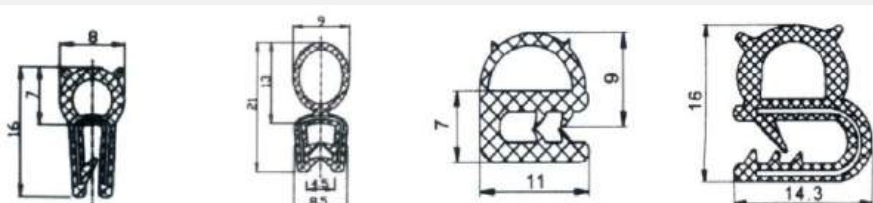


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EPDM-006

EPDM-007

EPDM-008

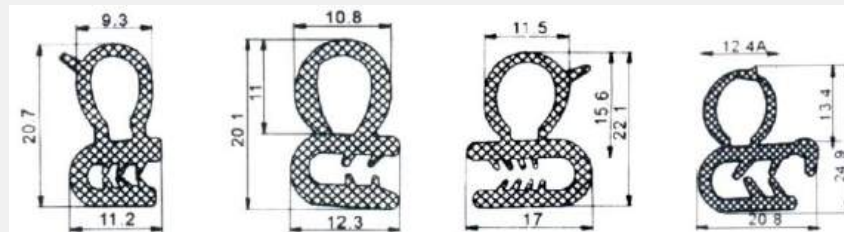


EPDM-009

EPDM-010

EPDM-011

EPDM-012

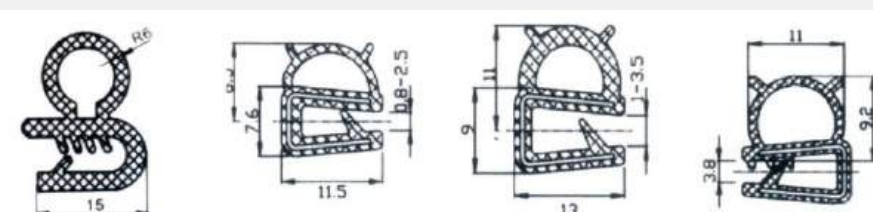


EPDM-013

EPDM-014

EPDM-015

EPDM-016

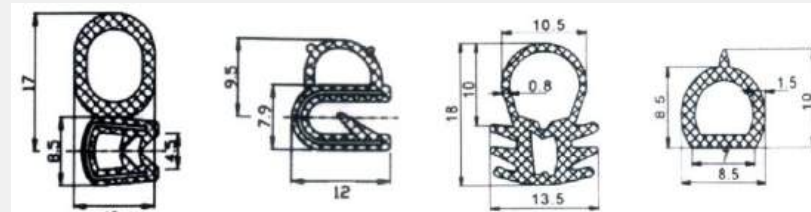


EPDM-017

EPDM-018

EPDM-019

EPDM-020



EPDM-021

EPDM-022

EPDM-023

EPDM-024

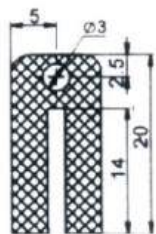




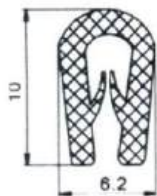
# Product Overview

## Extrusion Rubber Sealing Products – Example Rubber Sealing Profiles

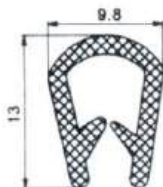
- ✓ The pictures show some example EPDM sealing rubber sealing strips, which we already manufactured or have the mold.



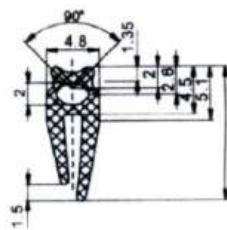
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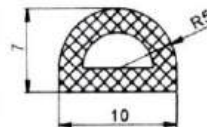
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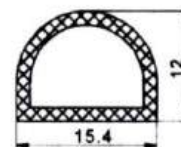
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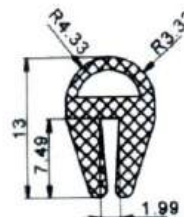
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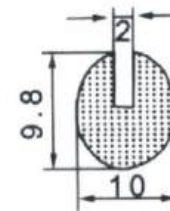
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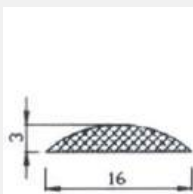
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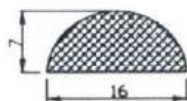
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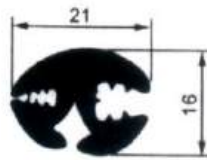
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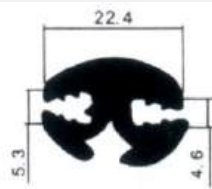
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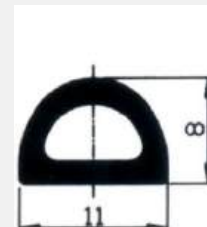
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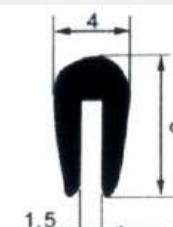
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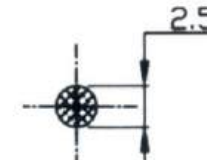
EPDM-036



EPDM-037



EPDM-038

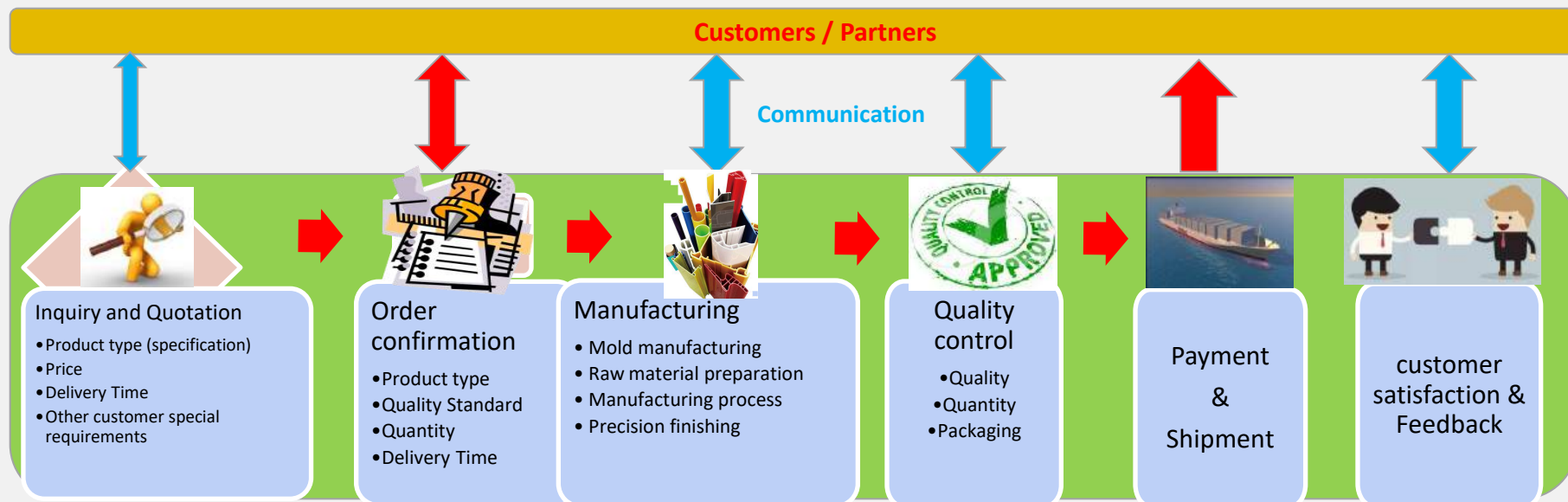


EPDM-039





- From beginning to the end of the projects and order, we complete the process in a professionally manner and response quickly:
  - The first step is to understand the detailed requirements of the customer. We have professional technical knowledge and remote technical communication skills.
  - Continue to track the manufacturing process and strictly follow high quality standards for quality control
  - We always do CIP process in the product and production process
  - Customer feedback and satisfaction are always very important to us.
  - We exchange technical experience with customers & partners. We provide our optimization suggestions to customers & partners during projects/orders period.





- Extensive product selection: One-stop purchase for various industrial products; Solution for all you need
- 100% quality assurance: high-quality sources and supplies with accurate delivery time control
- Cost-effective products and efficient services
- Comprehensive cost optimization and professionalism in the overall procurement of different products
- We give suggestions in the project to optimize the workflow or content
- We are able to create more new products or solutions for customers
- Professional remote technical communication, short response time







Welcome to contact us!

# WELLE Technology Co. Ltd.

Quality is our promise



**Mr. Kefu Shi** (M. Eng., PMP)

Address: Building 4-814, Bafangcheng,  
310030 Hangzhou, PR. China

Telephone: 0086-571-85166983

Fax: 0086-571-85166036

Mobile Phone: 0086-15957153417

E-Mail: [kefu.shi@welletec.com](mailto:kefu.shi@welletec.com)



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