

Total Profile Sealing Solution

Qingdao Seashore Rubber Co.,Ltd is well recognized and respected as a leader in the manufacturing and exporting of high quality rubber and plastic profiles. The company has the advanced co-extrusion lines and rubber injection machines, we have a skilled CAD.CAM mold development and manufacture capabilities, with advanced detection equipments. Mainly production including trims and seals, edge trim, pinchweld, sealing profiles, pvc sealing strip widely used in automotive industry, window and door manufacturing industry, Building,Power Industry etc.We also provide the best rubber sealing solution .

For more information ,pls visit www.seashoreubber.com ,welcome your enquiry and cooperation.









ONE-STOP SERVICE OF RUBBER PARTS.

We hope to be your strong partner to give you enough supplier.



Product Range

- → Solid Rubber Extrusion Profiles for door windows,containers,etc
- → Sponge Rubber Extrusion Profiles
- → Self Adhesive Profiles
- → Co-extrusion Sealing Profiles
- → Car Rubber Weatherstripping
- → Flock Coated Profiles
- → Glazing Rubber Profiles
- → Pvc Edge Protection Profiles
- → Pvc /Thermoplastic Extrusion Profiles
- → Rubber Weatherstrip for Door /Window
- → Rubber Moulded Parts
- → Rubber Fender

Product Method

- → Extrusion
- → Vulcanization

Processing

- → Cut-to-length
- → Punching
- → Online bonding
- → Attachment of plastic clips
- → Joint vulcanization of corners and frames

Material

ightarrow EPDM NBR CR NR FKM PVC TPE

Assembly

→ Fixed length, preassembled pieces, frames and rings

Minimum Order Quantity

 \rightarrow 2000 m

Product Characteristics

- → Fire-resistant
- → Electrically insulating
- → Chemical-resistant
- → High abrasion-resistance
- → High tensile strength
- → Different elongation properties
- → Water resistant
- → Hardest Hardness to 90SHA
- → The thickest thickness to 0.3mm

Surface Processing

- → Anti-friction coating with PTFE
- → Flocking (polyamid or polyester)
- → Inscription (online labeling with inkjet printing)
- → Butyl injection
- → Adhesive tape
- → Paraffin Coating
- → Talcum Coating

Manufacturing Tolerances

- \rightarrow DIN ISO 3302-1 E2
- \rightarrow DIN ISO3302-1 E3
- \rightarrow DIN ISO 3302-1 L3
- → DIN ISO3302-1 M2
- \rightarrow DIN 16941 3A and 3B
- → DIN 16941 4B

We produce top quality sealing profiles for Automotive, Construction, Industrial upon drawing or samples.

Tell Us What you need, We create it for you. Welcome OEM/ODM orders.









extrusion line

rubber mixing machine













We have a skilled CAD/CAM mold development and manufacture capabilities . We have more than 1000 sets of moulds in stock.







We have full-time inspection institution and personnel facilitated with Physicochemical Room, Measuring Room, Testing line to control the quality from the material to final products.

Operating Standards:

Surface upon the standard of GB7529-87 Dimension (RUBBER) upon ISO3302-1 Dimension (PVC) upon DIN 16941 Dimension (Moulded Rubber) upon DIN 7715 M4









Tensile strength testing machine. Heat aging test chamber

Densimeter

Mooney's viscosimeter









Multi-Function Rheometer

Abrasion tester

Projector

Durometer









Effective In process quality control, reduce the possible defects, prevent the defective parts from going to the next stage.

Tell US What you need, we create it for you. Welcome OEM/ODM orders.







ISO 9001:2015



ISO TS16949



UL94-VO / SGS

RoHS/SGS

The purpose of the subsequently compiled tolerances from the respective standard is to facilitate the quick assignment of tolerated dimensional deviations. Not applicable to drawings with fixed tolerances.

Solid and soft rubber profiles (sections) based on DIN ISO 3302-1E2

	Nominal range in r	nm	+/-mm
	€	1.5	0. 25
1. 5	to	2.5	0.35
2. 5	to	4	0. 4
4	to	6.3	0. 5
6. 3	to	10	0. 7
10	to	16	0.8
16	to	25	1
25	to	40	1. 3
40	to	63	1. 6
63	to	100	2

Tolerances for custom lengths (rubber) based on DIN ISO 3302-1 L3

	Nominal range in n	nm	+/-mm
	€	40	1.6
40	to	63	2
63	to	100	2.5
100	to	160	3. 2
160	to	250	4
250	to	400	5
400	to	630	6. 3
630	to	1000	10
1000	to	1600	12.5
1600	to	2500	16
2500		4000	20
4000			0.005

Sponge rubber profiles (sections) based on DIN ISO 3302-1 E3

Nominal range in mm +/-mm

	\leqslant	1.5	0.4
1. 5	to	2.5	0.5
2. 5	to	4	0.7
4	to	6. 3	0.8
6. 3	to	10	1
10	to	16	1.3
16	to	25	1.6
25	to	40	2
40	to	63	2.5
63	to	100	3. 2

The purpose of the subsequently compiled tolerances from the respective standard is to facilitate the quick assignment of tolerated dimensional deviations. Not applicable to drawings with fixed tolerances.

PVC-Profiles (cross sections) based on DIN 16941 3A und 3B

Nominal range in mm			+/-mm
	€	3	0.4
3	to	6	0.6
6	to	10	0. 7
10	to	18	0.8
18	to	30	1
30	to	50	1.2
50	to	80	1.5
80	to	120	1.9
120	to	180	2.3
180	to	250	2.8
250	to	320	3.5
320			1.4%

Tolerances for custom lengths (PVC) based on DIN 16941 4B

Nomina	I range	in mm	+/-mm
	\leq	400	5
400	to	1000	10
1000	to	2500	20
2500	to	6000	30
6000	to		2%

Moulded rubber parts based on DIN 7715 M4

Nomina	I rang	e in mm	+/-mm	
	\leq	6.3	0.5	
6	to	10	0.7	
10	to	16	0.8	
16	to	25	1.0	
25	to	40	1.3	
40	to	63	1.6	
63	to	100	2.0	
100	to	160	2.5	
160	to		1.5%	

Rubber Material

EPDM Rubber

Temperature range: -50 to +120 °C dry conditions; with water and steam up to 130 °C Advantages: Excellent weather resistance, as well as to aging, ozone, chemicals, hot water and steam; good resistance to polar fluids such as acetone, methanol etc., outstanding electrical insulation properties, low steam permeability, good thermal resistance, extremely low brittleness temperature.

Disadvantages: Low resistance to aliphatic and aromatic hydrocarbons (mineral oil, petrol, fuels); flammable.

CR Rubber

Temperature range: -30 to +90°C, hot water not recommended.

Advantages: Good thermal resistance as well as to aging, weather, ozone, low flammability, high resistance to alternating bending, medium resistance against oil (higher than NR, lower than nitrile rubber; good mechanical properties and elasticity but not as good as for NR; small deformation remaining

Disadvantages: According to type of CR-Type, possibility of cry stalization due to lasting cold.

NBR

Temperature range : -20 to +100 $^{\circ}$ C with dry conditions, hardens with hot air, with oils up to +120 $^{\circ}$ C, with water up to +80 $^{\circ}$ C.

Advantages: High oil, petrol and thermal resistance, good mechanical toughness ,low remaining deformation under pressure.

Disadvantages: Very low weather and ozone resistance, low elasticity

Natural Rubber (NR)

Temperature range: -40 to +70 $^{\circ}$ C.

Advantages: Good elasticity and mechanical properties (tear and abrasion resistance notchtoughness, elasticity), no remaining deformation after strain, high resistance to alternating bending.

Disadvantages: Medium to low resistance to oil, weather and ozone as well as thermal resistance, flammable.

Silicone Rubber

Temperature range: -50 to + 230 °C

Advantages: Extreme temperature range and low temperature flexibility; nonpoisonous and tasteless .

Disadvantages: Poor tensile strength, tear resistance, and abrasion

resistance

Plastic Material

TPE

Temperature range: -60 to + 130°C.

Advantages: they can be processed as easily as thermoplastics and have the most important properties of rubber. it's elastic, supple and flexible. TPE are no risk for the environment. In contrast to rubber, they can simply be recycled and re-processed. it's easy to be colored with lower cost.

Disadvantages: For soft TPE ,the compression set, heat-resistance, and oil resistance .

It is not better than the rubber under high temperature.

PVC

Temperature range: -40 to +70°C.

Advantages: Perfect stability; extremely good resistance again st weather for example. It does not corrode, is hardly flammable & does not de-polymerize. Disadvantages: the formation of dioxides during combustion is an extreme disadvantage.

We promise that our factory use 100% new material Which Meet directive of RoHS and also could provide custom Compounding such as anti-fire, food-grade, etc upon request.

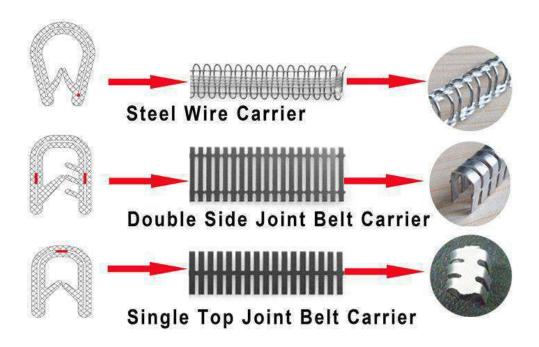


Metal Clip

By Using either steel or wire carrier, the edge protection sections will cling well, without the use of splicing tape. However, the use of a steel belt will have a higher clamping effect than a wire carrier.

The disadvantage of a profile with an unbroken steel carrier is a restricted bending radius over the lateral blade. This can be solved by breaking the connecting bridges. However, a slightly uneven strand may develop if this is done. In most technical applications the appearance will be irrelevant.

The choise of either a steel or wire carrier largely depends on the application situation & the desired appearance.



General Surface Fishing of Edge Protector



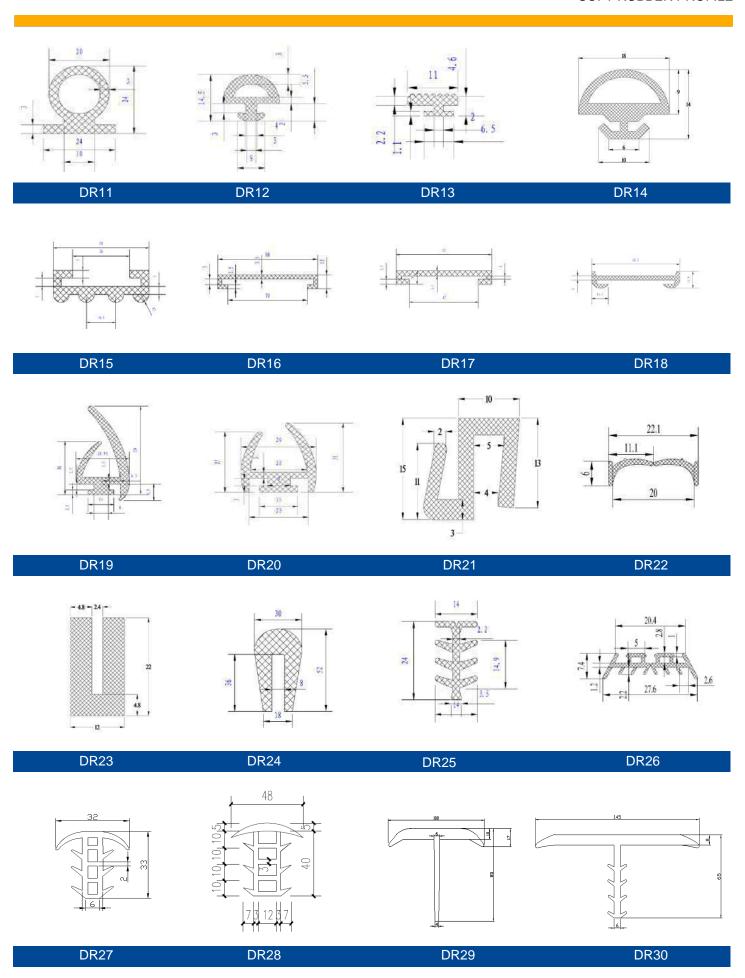
Custom surface texture can be made to meet your needs!



Vulcanized Corners/Rings/Frames

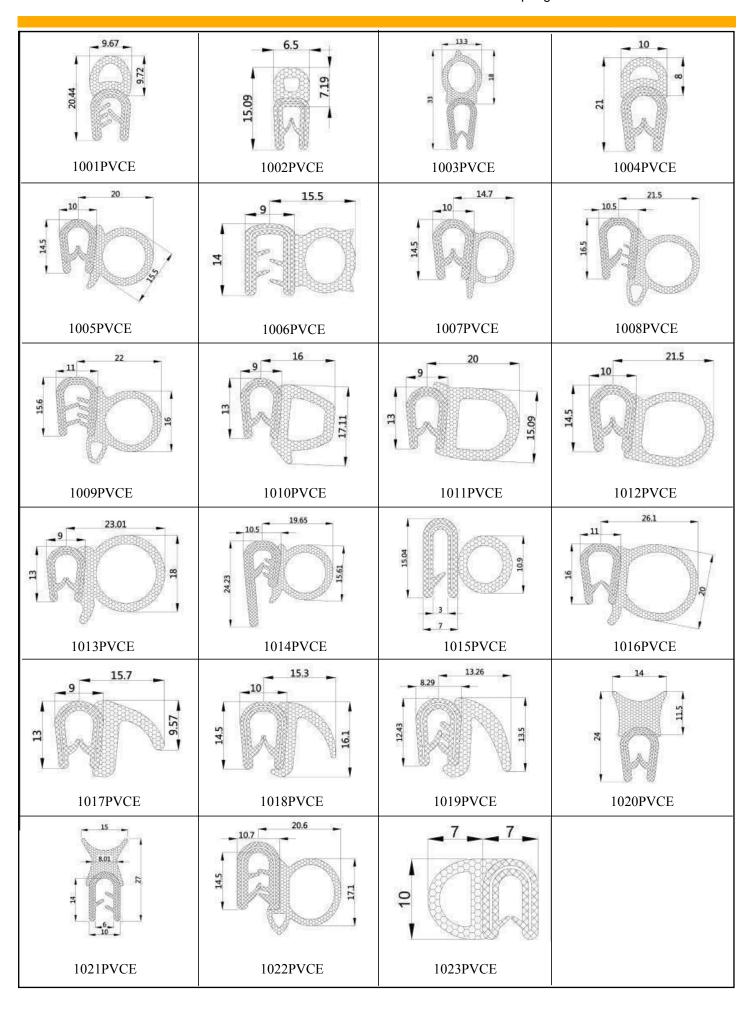


Seashore offer online taping ,printing,cutting, custom rings ,frames, and corners by adhesion and vulcanization , as well as welding service for co-extrusion profiles .

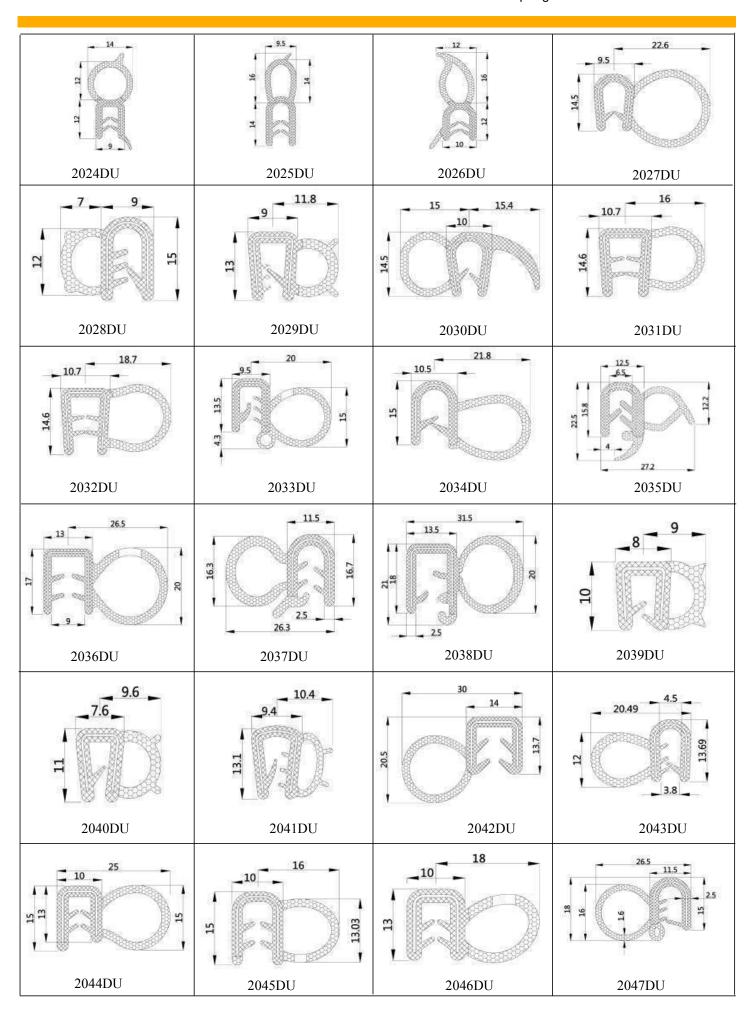


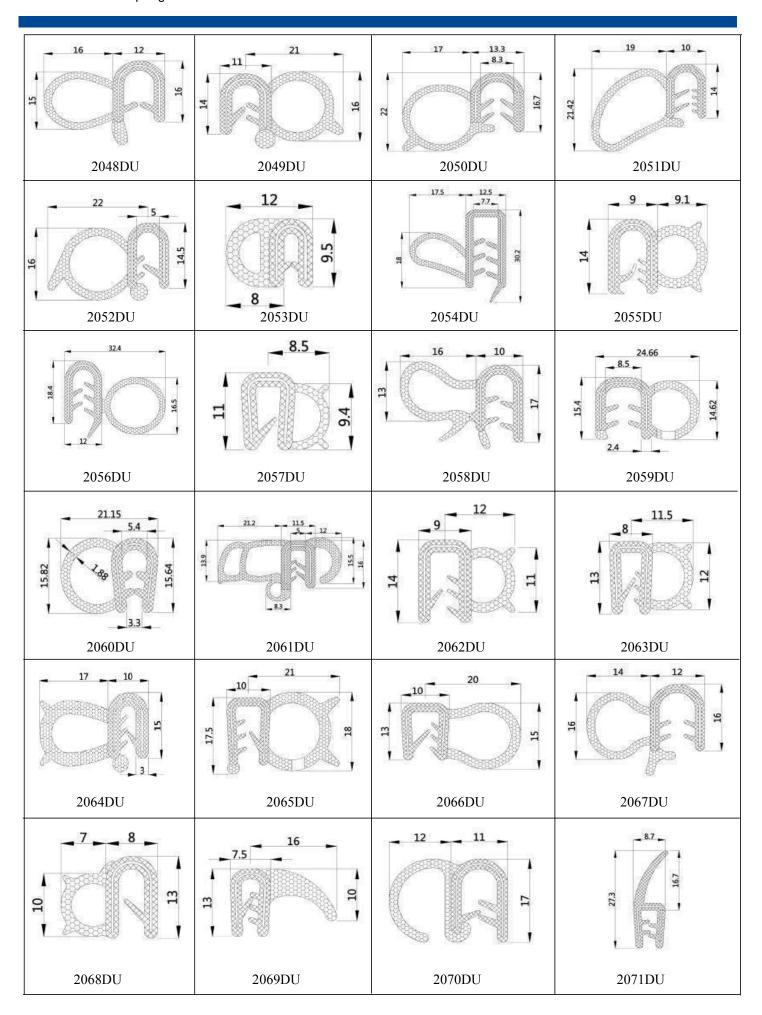
Round profile	Item No.	Size	U Channel	Item No.	Size
	SHR-1 SHR-2 SHR-3 SHR-4 SHR-5 SHR-6	5mm 6.5mm 7.5mm 8.5mm 10mm 10.5mm	15	SHR-40	15*16mm
	SHR-7 SHR-8 SHR-9 SHR-10 SHR-11	13mm 16mm 20mm 25mm 30mm	10	SHR-41	10*13mm
Hose Profile			Custom Round Profile	е	
B	SHR-12 SHR-13	6*2mm 10*6mm	1	SHR-42 SHR-43 SHR-44 SHR-45	16mm 18 mm 20mm 25mm
Half-Round Profile			Custom D Profile		
W	SHR-14 SHR-15	6*4mm 10*6mm 15*3mm 15*6mm 15*7mm	B	SHR-46	23*25mm
<u> </u>	8 B 8 B .	19*7mm	Crown Profile		
Square Profile	SHR-20 SHR-21 SHR-22	20*6mm 12*1.5 mm 15* 3mm	9 of Automotive Type	SHR-47	9*4mm
w w	SHR-23 SHR-24 SHR-25 SHR-26 SHR-27 SHR-28 SHR-29 SHR-30	20*3mm 20*8mm 25*10mm 35*3mm 45*20mm 50*6mm 50*25mm 60*5 mm	Self Adhesive Tape P Weatherstrip	SHR-48 SHR-49 SHR-50 SHR-51	9*4mm 10*4mm 14*12mm 15*8mm
D Profile			- 55 -		
Adhesive Tape	SHR-31 SHR-32 SHR-33 SHR-34 SHR-35	9.5*5.6mm 10*8mm 12*10mm 14*12mm 16*9.5mm	9 Tape	SHR-52	9*5.5mm
- vv	SHR-36 SHR-37	16*14mm 21*17mm			
Adhedor Tape	SHR-38 SHR-39	21"17mm 15*12mm 17*20mm	Custom Pro Upon draw		

Order starting from 3000 meters MOQ.



2000DU	2001DU	2002DU	2003DU
2004DU	2005DU	2006DU	2007DU
2008DU	2009DU	2010DU	2011DU
2012DU	2013DU	2014DU	2015DU
2016DU	28 95 2017DU	2018DU	13.8 25.5 10.4 2019DU
10	13.1	16 2	5127 - 511 11 - 10 -
2020DU	2021DU	2022DU	2023DU





PVC EDGE TRIM

Edge Trim is flexible PVC trim with individual internal metal clips and gripping tongue to provide a stronger grip.

PVC edge trim in different applications can also be named edge protection profile ,edge protector , PVC extrusion, PVC seal strip and decorative profile.



Product Specs.

Coating Material: Vinyl(PVC),80SHA

Metal Clips :Steel Belt, Wire Carrier, Stainless Belt

Operating Temperature:-30°C to 70 °C

The trim covers a huge variety of uses including:

Automotive industry(Car ,Bus, Truck ,Trailer ,Lorry ,Caravan ,etc) ; Construction Building industry ; Furniture Edgings ,Marine Industry as well as general engineering and domestic use.

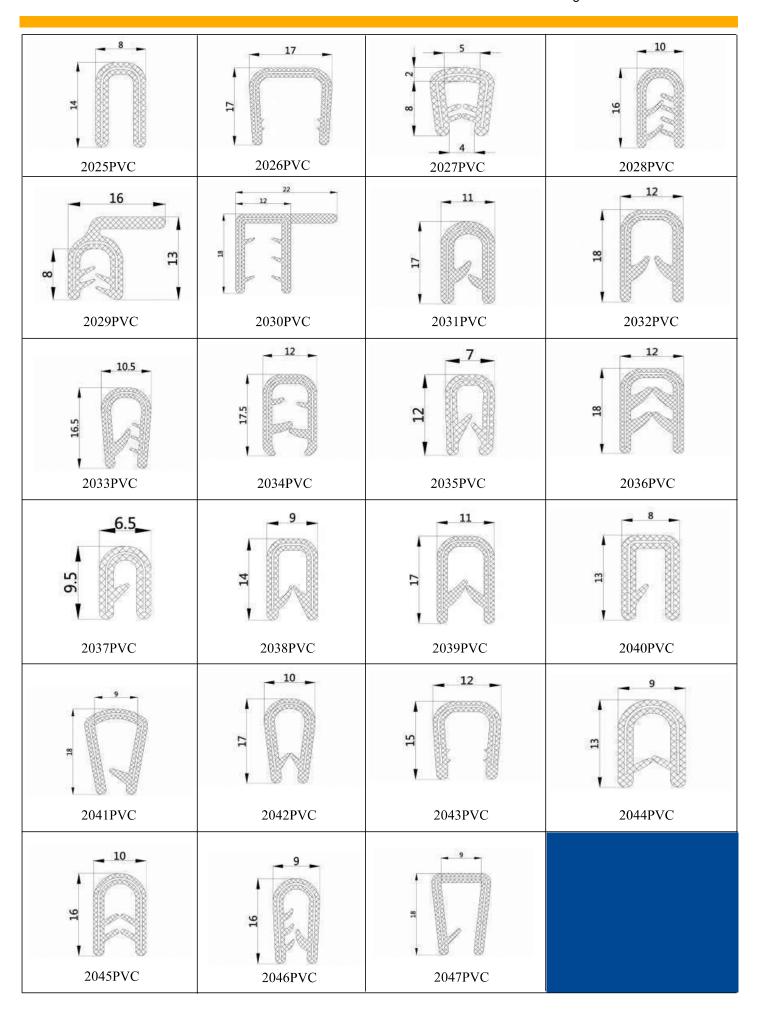
Manufacturing tolerances

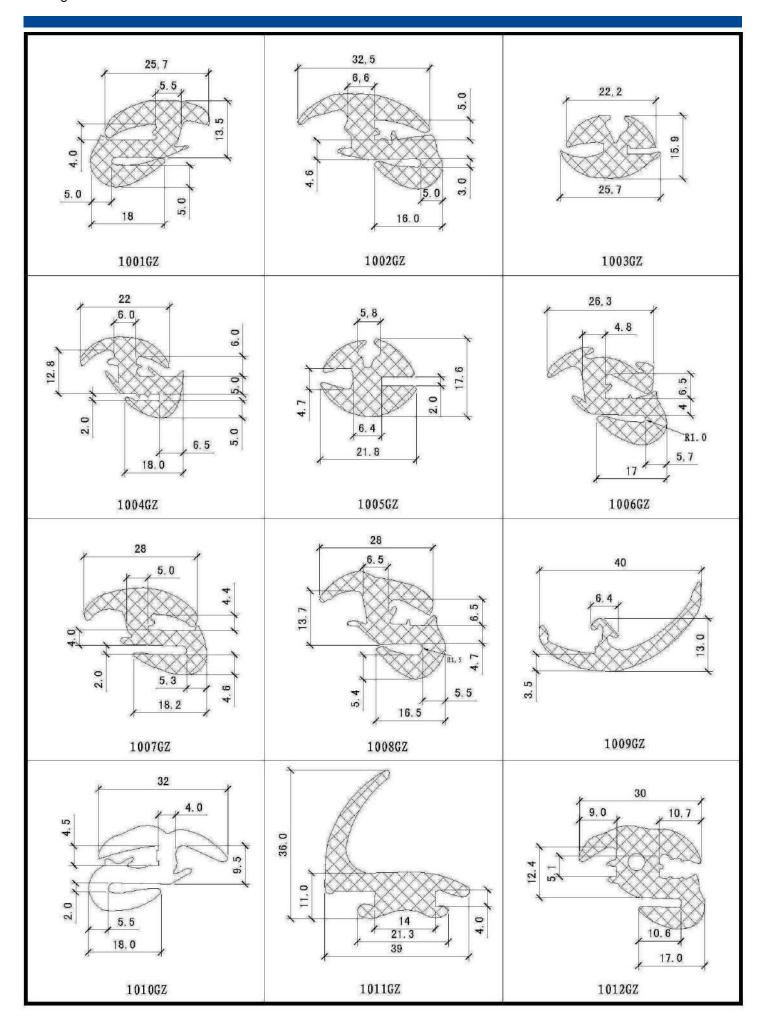
PVC according to DIN 16941 3B

Tolerances of custom length based upon DIN ISO 3300-L3/16941 4B

All edge trim profiles shown on the following pages can be manufactured into custom length, rings, frames ,etc.

4.66 2001PVC	2002PVC	2003PVC	6.5 2004PVC
6.5 2005 PV/C	11.5 9	7	2000PN/C
2005PVC	2006PVC	2007PVC	2008PVC
9	10	ET 10	8.49
2009PVC	2010PVC	2011PVC	2012PVC
2013PVC	2014PVC	2015PVC	2016PVC
20181 (6		17,900010	
245	14.5	10.4 ST	51
2017PVC	2018PVC	2019PVC	2020PVC
2021PVC	2022PVC	2023PVC	2024PVC





As a rubber profiles specialist ,SEASHORE supplies to the following industries:

Automotive Industry
Vehicle Body Construction
Window & Door Industry
Building Construction

Electrical Industry
Boats & Yachts Manufacturing Industry
Mechanical Manufacturing Industry
Container Manufacturing Industry



Qingdao Seashore Industrial Co.,Ltd 青岛中海岸橡塑有限公司

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