

**PARS PLAST**  
Producer Types of u-pvc Fitting and Pipe





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## Pars Zenderud Plast Industrial Group, Manufacturer of PVC Pipe & Fittings

With the mission of offering high-quality products at the highest standards, Pars Zenderud Plast industrial group was founded in 1986. This factory has consistently been expanding its product line and gradually completing the product portfolio in response to the demands of developing civil infrastructures and industries. Moreover, this factory is equipped with cutting-edge technology and has been manufacturing all its products to the highest quality standards. This company owes its success to God's favor, the dedication of the company's devoted management and staff, and exceptional qualities like the courage of its leaders and the initiative of its creative human resources. Over 50,000 square meters are currently being exploited in 8 phases by Pars Zenderud Plast Industrial Group.

**Phase 1:** PVC Fittings Manufacturing Plant

**Phase 2:** PVC Pipes Manufacturing Plant

**Phase 3:** Warehouse and Warehouse Management

**Phase 4:** Raw Material Preparation and Storage Unit

**Phase 5:** Educational, Technical, and Vocational Unit

**Phase 6:** Production and Development Plant for Export Products

**Phase 7:** Pool Plumbing Supplies Manufacturing Plant

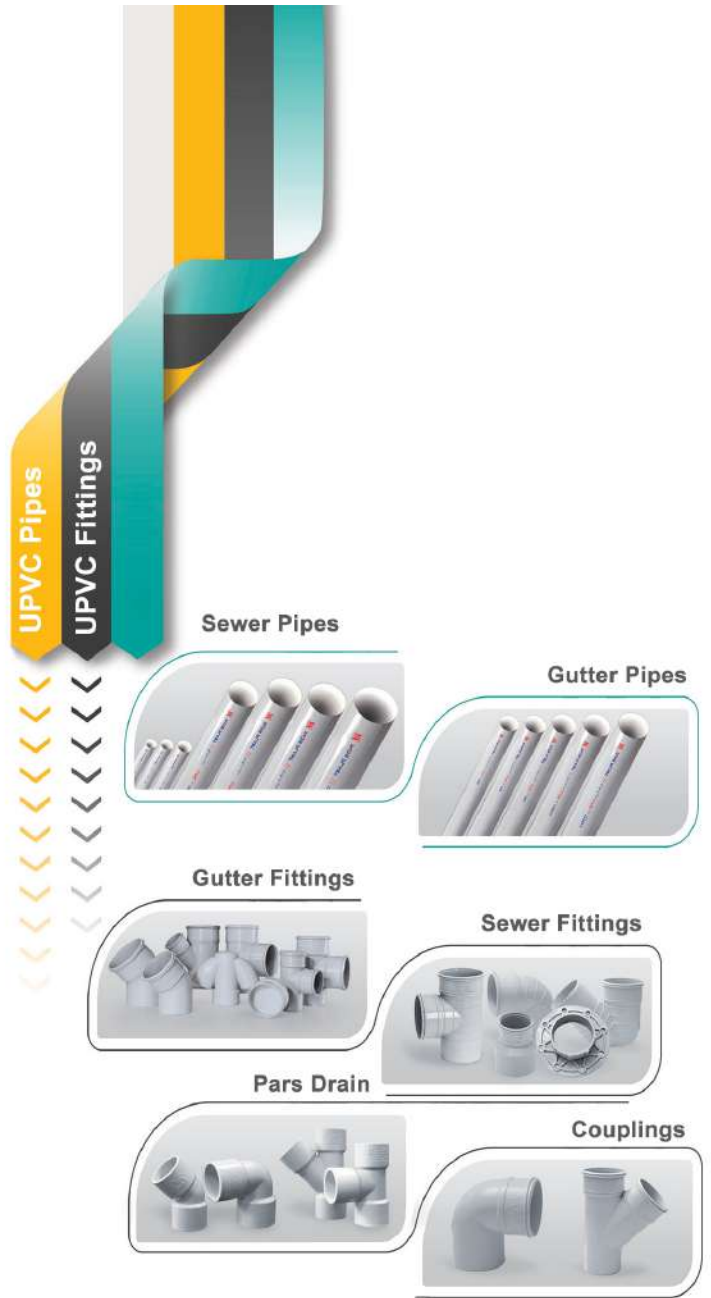
**Phase 8:** Push-Fit Manufacturing Plant

Increasing the level of customer orientation and satisfaction has always been one of Pars Zenderud Plast Industrial Group's top marketing and sales priorities. Therefore, it has enhanced the product quality level and range to fulfill the requirements of the market and consumers. Pars Zenderud Industrial Group is now among the top producers of PVC pipes and fittings thanks to strategic management thinking, consumption of high-quality raw materials from the most reputable brands in the PVC industry, modern and tooled-up production lines, specialized and experienced human resources, product quality control by well-equipped laboratories, and after-sales services.

### Product Introduction

All products manufactured and distributed by this industrial group come in three different pipe types: sewer, gutter, and electrical conduit.





**Electrical Fittings**



**Electrical Conduits**



**Cold Bending**



**Hot Bending**

## Why our products?

1. Ideal product design
2. Low coefficient of friction
3. Product range
4. Constant updates
5. Optical and thermal stability
6. Chemical resistance
7. Easy installation and implementation
8. Impact strength and mechanical resistance
9. External pressure resistance
10. High elasticity and flexibility
11. High tensile strength
12. General properties of PVC products





## Gutter & Sewer Pipes

Pipe Chute			
Application (mm)	Wall Thickness	Diameter (mm)	Code
B	1/8	50	3040010007
B	1/8	63	3040010001
B	1/8	75	3040010002
B	1/8	90	3040010003
B	2/2	110	3040010004
B	2/5	125	3040010005

Pipe Sewage			
Application (mm)	Wall Thickness	Diameter (mm)	Code
B	3	32	3030010013
BD	3	40	3030010014
BD	3	50	3030010012
BD	3	63	3030010001
BD	3	75	3030010002
BD	3	90	3030010003
BD	3.2	110	3030010004
BD	3.2	125	3030010005
B	3.2	160	3040010009
BD	4	160	3030010006
B	4	200	3040010006
BD	4.9	200	3030010007
B	4.9	250	3040010008
BD	6.2	250	3030010017
B	6.2	315	3040010010
BD	7.7	315	3030010027



**B:** Inside the building  
**BD:** Inside the building or underground within the building structure

## Electrical conduits

New

### Electrical conduits

Application (mm)	Wall Thickness	Diameter (mm)	Product Code
30	1/5	20	3060030005
20	1/5	25	3060030001
15	1/8	32	3060030003
10	1/8	40	3060030004

New

### Conduit Elbow

Application (mm)	Wall Thickness	Diameter (mm)	Product Code
400	1/5	20	3070530001

In the past, poor PVC or polyethylene materials were used for the transport of electrical lines and cables. Construction supervisors and Systems Engineering Organizations must consider the growth of urban projects, the significance of utilizing high-quality materials, and the necessity of following safety principles. Pars Zenderud Plast industrial group has committed to producing conduits from the best materials to complete the product portfolio, satisfy consumers, and meet market demands. Under the careful supervision of technical managers and quality control specialists and according to the national standard 11215-21 with license number 3677995986, this company manufactures and offers its products for sale on the market.

### Application:

1. Electrical switchboards
2. Transferring cables and wires of CCTVs and air conditioning systems
3. Transferring computer networks, telephone lines, and data

### Product size range with different thicknesses:

Cold bending from 20 to 40

Hot bending from 20 to 40

### Features of electrical conduits:

1. Highly adjustable and applicable in grooves and angles
2. Exceptional impact tolerance
3. Corrosion resistant to acids, bases and salts
4. Not flammable when exposed to flame or electrical current
5. Dielectric resistance
6. Electrical nonconductivity
7. Sunlight resistant and no color fading
8. Extended product life
9. Quick implementation due to the simple way of bending (cold bending)
10. A perfect substitute for flexible piping products and steel
11. Possibility of surface installation
12. Convenient packaging





## Pars Drain Products

One of the most crucial and fundamental sub-branches of the building installation systems is the utilization of the best, most appropriate, and highest-quality materials and equipment for the cooling system to provide air conditioning. Pars Zenderud Plast Industrial Group has attempted to manufacture new goods under the brand name Pars Drain to satisfy its customers and increase product variety in response to consumer and market demands. Pars Drain products benefit from the following qualities and functions to drain the distilled water from air conditioning and cooling systems, entirely fixing the problems and limitations of the products using this system.



New

### Tee 45

Application	In pack	Size	Code
B	300	25	3010080003
B	150	32	3010080001

New

### Tee 90

Application	In pack	Size	Code
B	350	25	3010080002
B	200	32	3010080004

New

### Reducer Tee 90

Application	In pack	Size	Code
B	200	32 25 45	3010090001
B	250	32 25 90	3010090002



New

### Elbow 45

Application	In pack	Size	Code
B	500	25	3010100005
B	350	32	3010100002

New

### Elbow 90

Application	In pack	Size	Code
B	500	25	3010100004
B	350	32	3010100003





## Advantages of using Pars Plast products



The uniformity and smoothness of the water passage after distillation compared to those of single-layer and five-layer consumable goods.

Creating accurate gradients for water passage in implementation using Pars Drain products.

An 80% reduction in implementation expenses versus using single-layer and five-layer products

Using the actual size of products compared to single-layer and five-layer products

Pipes and fittings in a wide range of sizes, from 25 to 50 mm

High tensile strength and impact resistance of Pars Drain products

Simple and quick implementation of Pars Drain products

پارس درین



By utilizing Pars applicable products, you can achieve optimal quality, simplify implementation, and reduce expenses.



What made us Pars Zenderud Plast?

- . Experienced and qualified managers
- . Diligent human resources
- . Modern technology
- . Using the best domestic and foreign raw materials
- . Modern, equipped, and independent laboratories
- . Following quantity and quality standards
- . Sales engineering and strategy
- . After-sales service
- . Management of customer communications



### Expansion Joint (Muffeh)

Foundation settlement is one of the destructive phenomena that most buildings experience over time. This phenomenon occurs in most buildings, varying in intensity and form. One of the current challenges is the pressure on the building installation system. The pressure on the installation system of buildings leads to cracks in different parts, leakage to the floor and body of the buildings, and considerable damages. To address this issue, the Research and Development department of Pars Zenderud Plast Industrial Group

created an expansion joint—also known as Muffeh—that builders and installation engineers particularly appreciate because of its unique uses and benefits. This product is made up of three parts: the body, the lid, and the O-ring.

**The body:** a connector from a collection of 14 to 20-cm long connections supporting products with diameters ranging from 63 to 125 mm attach with glue from the O-ring and the lid side to the pipe and the socket.(male thread) of one product and from the opposite side to the female thread of the other product (coupling).

**The lid:** a threaded lid is assembled to the body of Muffeh (expansion connector) along with the O-ring and connects the body of the mufeh to other products.

**The O-ring:** according to the structure of the lid, the O-ring with expansion and elasticity seals and strengthens the connection of the Muffeh with other products.

**The O-ring:** according to the structure of the lid, the O-ring with expansion and elasticity seals and strengthens the connection of the Muffeh with other products.



Due to its design, expansion feature, and elasticity the use of this product in vertical systems eliminates cracks in the sewage system (especially the connections) in building settlements. Potential building settlements are prevented by the length of the body, its sliding feature, sealing through the O-ring, and the length of Muffeh, particularly where the floors and the riser are connected.

1

For minor sewage system repairs of broken pipes in vertical systems between floors, Muffeh connections are recommended

2

#### Mufe

Application	In Pack	Size	Code
BD	80	63	3010250012
BD	35	90	3010250008
BD	20	110	3010250001
BD	24	125	3010250009

c o m i n g   s o o n



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## Sewer Fittings

### bend 45°

Application	In Pack	Size	Code
B	250	40	3010170018
B	200	50	3010170017
B	200	63	3010170010
BD	160	75	3010170011
BD	100	90	3010170012
BD	60	110	3010170013
BD	50	125	3010170014
BD	18	160	3010170015
BD	20	200	3010170016
BD	9	250	3010170019



### Tee 45°

Application	In Pack	Size	Code
B	100	63	3010150007
BD	60	75	3010150008
BD	35	90	3010150009
BD	20	110	3010150010
BD	20	125	3010150011
BD	16	160	3010150012
BD	8	200	3010150013



### Reducing Tee 45°

Application	In Pack	Size	Code
B	60	90 63	3010160004
BD	40	110 63	3010160005
BD	25	110 75	3010160011
BD	25	110 90	3010160006
BD	25	125 90	3010160010
BD	20	125 110	3010160007
BD	16	160 110	3010160008
BD	16	160 125	3010160009



### double Y

Application	In Pack	Size	Code
BD	16	110	3010240001

### two way clean-out tee with cap

Application	In Pack	Size	Code
BD	30	110	3010150014



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### Elbow 90°

Application	In Pack	Size	Code
B	250	40	3010170001
B	250	50	3010170002
B	200	63	3010170003
BD	120	75	3010170004
BD	80	90	3010170005
BD	48	110	3010170006
BD	36	125	3010170007
BD	20	160	3010170008
BD	16	200	3010170009
BD	8	250	3010170020

### Tee 90°

Application	In Pack	Size	Code
B	150	40	3010150016
B	150	50	3010150017
B	120	63	3010150001
BD	70	75	3010150002
BD	45	90	3010150003
BD	30	110	3010150004
BD	20	125	3010150005
BD	16	160	3010150018
BD	8	200	3010150006

### Reducing Tee 90°

Application	In Pack	Size	Code
BD	70	90 63	3010160001
BD	48	110 63	3010160002
BD	30	110 90	3010160003

### swept tee 90°

Application	In Pack	Size	Code
BD	90	63	3010150019
BD		90	---
BD	25	110	3010150015

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## Sewer Fittings

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### eccentric reducing coupling

Application	In Pack	Size	Code
B	250	63 40	3010190001
B	250	63 50	3010190002
BD	200	75 63	3010190007
BD	150	90 63	3010190008
BD	120	90 75	3010190009
BD	100	110 63	3010190012
BD	80	110 75	3010190010
BD	100	110 90	3010190011
BD	70	125 90	3010190016
BD	60	125 110	3010190003
BD	50	160 110	3010190004
BD	50	160 125	3010190005



### reducer

Application	In Pack	Size	Code
BD	100	125 63	3010190006
BD	30	200 160	3010190008



### coupler

Application	In Pack	Size	Code
B	150	63	3010220017
BD	150	75	3010220010
BD	120	90	3010220018
BD	70	110	3010220015
BD	45	125	3010220011



### access cap

Application	In Pack	Size	Code
B	100	63	3010230012
BD	100	75	3010230016
BD	100	90	3010230010
BD	50	110	3010230001
BD	50	125	3010230002
BD	20	160	3010230003



### flange

Application	In Pack	Size	Code
BD	10	200	3010210002
BD	12	250	3010210003
BD	10	250	3010210004



### U-trap

Application	In Pack	Size	Code
B	250	50	3010180001
B	120	63	3010180002
BD	80	75	3010180003
BD	50	90	3010180004
BD	32	110x110	3010180005
BD	30	125x110	3010180006
BD	24	125x125	3010180007
BD	20	160	3010180008

### Pars eccentric reducing bush

Application	In Pack	Size	Code
BD	200	90 63	3010190015
BD	120	110 63	3010190014
BD	120	110 90	3010190013

### coupler

Application	In Pack	Size	Code
B	150	63	3010220012
BD	120	90	3010220013
BD	70	110	3010220014
BD	45	125	3010220016
BD	30	160	3010220005
BD	15	200	3010220008
BD	9	250	3010220019

### end cap

Application	In Pack	Size	Code
R	200	63 (R)	3020200001
R	100	75 (R)	3020200005
R	150	90 (R)	3020200011
R	100	110 (R)	3020200013
BD	80	125	3010200006
BD	70	160	3010200002
BD	45	200	3010200003
BD	28	250	3010200004

### flange

Application	In Pack	Size	Code
BD	30	110	3010210005
BD	30	125	3010210006
BD	24	160	3010210001



## Sewer Fittings

**B:** Inside the building  
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### bend 90°

Application	In Pack	Size	Code
R	200	63	3020170001
R	80	90	3020170003
R	48	110	3020170005



### bend 45°

Application	In Pack	Size	Code
R	200	63	3020170002
R	100	90	3020170004
R	60	110	3020170006

### Tee 90°

Application	In Pack	Size	Code
R	120	63	3020150001
R	45	90	3020150003
R	30	110	3020150005



### Tee 45°

Application	In Pack	Size	Code
R	100	63	3020150002
R	35	90	3020150004
R	20	110	3020150006

### Reducing Tee 90°

Application	In Pack	Size	Code
R	48	110 63	3020160001
R	12	160 110	3020160003



### Reducing Tee 45°

Application	In Pack	Size	Code
R	40	110 63	3020160002

### reducer

Application	In Pack	Size	Code
R	200	90 63	3020190001
R	150	110 63	3020190002
R	120	110 90	3020190003
R	100	125 90	3020190004
R	100	125 110	3020190005
R	50	160 110	3020190006
R	50	160 125	3020190007
R	30	160 200	3020190008



### U-trap

Application	In Pack	Size	Code
R	120	63	3020180001
R	50	90	3020180002
R	32	110	3020180003

### vent cowl

Application	In Pack	Size	Code
R	25	90 110 125	3020260001
R	40	63 75	3020260002



### double-sided cap

Application	In Pack	Size	Code
R	350	50	3020200006
R	200	63	3020200007
R	200	75	3020200005
R	150	90	3020200014
R	100	110	3020200012
R	70	125	3020200010

## Honors

- The exemplary unit of quality standard in 2011
- The safety and occupational health exemplary unit in 2012
- The exemplary unit of quality control in 2014
- The safety and occupational health exemplary unit in 2015
- The economic exemplary unit of the province in 2018-2019
- The workers' supportive employer in 2020
- The outstanding unit of national standard in 2021
- Obtained the license to issue the certificate of the internship training center in the real work environment in 2022
- Acknowledged as the exemplary manufacturing unit in by the Iranian National Standard Organization 2010
- The distinguished unit of the best entrepreneurs' festival in 2015
- The safety and occupational health exemplary unit in 2013
- The exemplary unit of the Isfahan province industry in 2015
- The safety and occupational health exemplary unit in 2017
- The national health-oriented employer in 2019-2020
- The workers' supportive employer in 2021
- The exemplary unit of the Social Security Organization in 2022

## Certificates

- Manufacturing sewer fittings according to the Iranian national standard with valid license number 9119-1
- Manufacturing sewer pipes according to the Iranian national standard with valid license number 9119-1
- Manufacturing gutter fittings according to standard 12142-1 and the first unit to receive the national encouragement standard with a valid and up-to-date license.
- Manufacturing gutter pipes according to standard 12142-1 and the first unit to receive the national encouragement standard with a valid and up-to-date license.
- The holder of the quality approval in the field of sewage products from the Road, Housing and Urban Development Research Center with a valid technical certificate of the products according to the national standard
- Manufacturing electrical products with the feature of a conduit system for cable management according to standard 11215-21 with a valid Iranian National Standard license.
- The holder of the quality approval in the field of electrical products from the Road, Housing and Urban Development Research Center with a valid technical certificate of the products according to the national standard
- International standard ISO 14001:2015
- International standard ISO 9001:2018
- International standard ISO 45001:2018



The distinguished unit of the best entrepreneurs' festival in 2015



The national health-oriented employer in 2019-2020



The safety and occupational health exemplary unit in 2012-2013-2015-2017



The best labor-supporting employer in 2020 2020-2021



Acknowledged as the exemplary manufacturing unit in 2010 by the Iranian National Standard Organization



The employment-generating unit of the polymer industry in 2022



The exemplary unit of the Isfahan province industry in 2015



The exemplary unit of quality standard in 2011



The outstanding unit of national standard in 2021



The exemplary unit of quality control in 2014



The exemplary unit of quality control in 2014



The exemplary unit of the Isfahan province industry in 2015 and 2021



The leading employer of the Employers' Trade Union Association in 2022







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# Standards and certificate

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