



Knowledge based company

# MEHRAS KAVIR

U-PVC Pipes & Fittings

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



مهراس کویر



Factory address: Iran - South Khorasan - Birjand - Industrial Town

Tel: +98 56 32 25 56 34 - 6 | +98 56 32 25 50 26 - 7 | Fax : +98 56 32 25 50 28

Catalogue in English

**SCAN ME!**







#### **The Usage of Mehras U-PVC Pipes & Joints:**

- 1- the municipal, household and industrial sewage systems**
- 2- Passing electrical and telecommunication cables**
- 3- the mechanized water supplying system in poultry industry**

#### **History:**

Mehras Kavir Company was established aiming to produce top quality UPVC products; and in line with the customer orientation policy and observing the consumers' rights, the company managed to obtain the permit for using the national standard logo, as well as numerous incentives and manufacturing standards for its products. Mehras Kavir Company is honored to obtain various quality and production certificates from well-know European companies. This company is currently producing the UPVC pipes used in building and poultry farming industries. Producing the high-quality products in the country, and distributing the products to the large-scale national projects, the company has provided 70 direct and 200 indirect job opportunities for the most competent, skilled, and talented young workforces in east part of the country. Throughout years of activity Mehras Kavir has become a reliable national brand. This company not only experienced no decline in the tough economic conditions, especially in the recent years; but also stepped firmly towards realization of its goals, year after year, thanks to the mercy of God, blessings of the elderly and restless efforts of the humble young personnel. Mehras Kavir Company moves on a well-defined schedule consisting of hours of theoretical and practical work. The company is always keen to move forward and produce new products using the latest global technologies; and has managed to achieve various provincial, national, and international titles and honors. The outcome of our synergy and efforts in Mehras Kavir Company is production of global-quality products under the national "Mehras Kavir" brand



## Mehras U-PVC Sewage Joints

### Elbow 90°

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110



### Elbow 45°

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110



### Cross 90°

Usage	Thickness	Dimensions
BD	3.2	110



### Cross 45°

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110



### Cross 90°

Usage	Thickness	Dimensions
BD	3.2	110 x 63



### Cross 45°

Usage	Thickness	Dimensions
B	3	110 x 63
BD	3.2	110 x 90



## Sewage Pipes

Usage	Thickness	Dimensions
B	3	63
B / BD	3	90
B / BD	3.2	110
B / BD	3.2	125
B	3.2	160
BD	4	160
B	3.9	200
BD	4.9	200

## Plumbing pipes

Usage	Thickness	Dimensions
ناودانی	1.5	63
ناودانی	1.8	90
ناودانی	2.2	110
ناودانی	2.5	125

## Mehras U-PVC Sewage Pipes & Joints

According to national standard 9119-1

### Some advantages:

- Great resistance to possible shocks
- Great resistance against pressure, settlement and possible stresses of the building
- Using the most PVC resin and the best quality additives in production
- High resistance to corrosion when exposed to chemicals and acid and base
- Having the lowest coefficient of longitudinal expansion compared to other polymers
- The inner surface is very smooth and polished
- Non-ignition in direct contact with flame (non-flammability)
- Quick installation and easy transportation
- Long useful life

The first and largest producer of unbreakable pipes and fittings in the east of the country



### Siphon 135

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110
BD	3.2	125 × 110



### Connector (Reducer)

Usage	Thickness	Dimensions
B	3	63 × 90
BD	3.2	63 × 110
BD	3.2	90 × 110
BD	3.2	90 × 125
BD	3.2	110 × 125



### Elbow 90°

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110
BD	3.2	125



### Elbow 45°

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110
BD	3.2	125



### Moufeh

Usage	Thickness	Dimensions
B	3	63
BD	3.2	110



### Visit the valve interface

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110



### Cross 90°

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110
BD	3.2	125



### Cross 45°

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110
BD	3.2	125



### Coupling

Usage	Thickness	Dimensions
BD	3	90
BD	3.2	110
BD	3.2	125



### Coupling

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110
BD	3.2	125



### Tee Reducer 90°

Usage	Thickness	Dimensions
B	3	90 × 63
BD	3.2	110 × 63
BD	3.2	125 × 110



### Tee Reducer 45°

Usage	Thickness	Dimensions
B	3	90 × 63
BD	3.2	110 × 63
BD	3.2	110 × 90
BD	3.2	125 × 110



### Cap

Usage	Thickness	Dimensions
Rooftop پشت بام	2.5	125*110*90



### Cap

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110
BD	3.2	125



### Cap

Usage	Thickness	Dimensions
B	3	63
BD	3	90
BD	3.2	110
BD	3.2	125





# MEDIUM HARD

## Mehras U-PVC Electro Pipes & Joints

According to national standard 11215-21 \ Classification code (3331)

Some of the advantages of Newduct medium hard fireproof electric pipes:

- Ability to bend cold without the need for heat
- Non-ignition due to direct contact with flame
- Reducing the cost of implementation due to the small round
- Corrosion resistance in the face of acids and bases
- Increasing execution speed due to very easy bending
- Low friction coefficient and ease of wire and cable passage

bend  
cold

fire  
proof

### Electro U-PVC Pipe

Thickness	Inner Diameter	DN / OD
1.5	17	20
2	16	20
1.5	22	25
2	21	25
1.8	18.4	32

**NEW DUCT**

## Mehras U-PVC Electro Pipes & Joints

According to national standard 11215-21 \ Classification code (4441)

Some of the advantages of Mehras fireproof electric pipes:

- Superior resistance against possible blows.
- Ability to bend cold without the need for heating
- Non-ignition due to direct contact with flame.
- Suitable replacement for steel pipes.
- Corrosion resistance against acids and bases
- Resistance to sunlight and no color change.  
(Possibility of use as cover (disclosure))
- Low friction coefficient and ease of passing wires and cables.
- Eliminating the side costs of pulling the muscle on the pipes
- Reducing the cost of implementation due to very low micro-circulation (at zero level)
- Increasing execution speed due to very easy bending

bend  
cold

fire  
proof

100%  
do not break

The first manufacturer of non-flammable U-PVC electrical pipes With cold bending ability in Iran

### Electro U-PVC Pipe

Thickness	Inner Diameter	DN / OD
1.5	17	20
2	16	20
1.5	22	25
2	21	25
1.8	18.4	32
1.8	36.4	40
1.8	46.4	50

**MTK MEHRAS**



## Instructions for using the cold bend of Fireproof U-PVC pipes:

1



The spring must be led inside the pipe where the desired bend is to be done.

2



The tube should be bent slowly and with a constant pressure so that the pipe's upper tissue is completely opened and the two sides of the pipe are close

Attention: In the area where the pipe tissue is .opened, there will be no changes in term of size

3



Bring the bend of the pipe at a direction opposite the initial bending back to the initial position.

The bending has such a slow return that no shrinkage is created in the bending point.

4



Pull the spring out of the pipe and the desired curve is ready.

## Electric pipe fittings and accessories:



### Mehras Junction box

Some of the most important unique features:

- Very high resistance against pressure and possible shocks.
- More depth than the box of common keys in the market
- The presence and installation of 4 bushings on the key box and no need to use bushings separately.
- The ability to install the key and socket continuously or separately (single with frame) using the interface between the key box
- Embedding sequins in the entrances of the key box to prevent construction materials from entering the key box.



### Junction box



### Electrical Conduit Fittings Bush



## Mehras U-PVC Nipple Pipes

Some of the advantages of Mahras PVC nipple pipes (square and round) include:

1. Maintaining the water quality and being a safe material (it's clean and transports water without changing its taste, color, or smell)
2. Having a low friction coefficient and not having any pressure drops (it facilitates the passage of liquids through the pipe)
3. Resistance against corrosion (a high level of resistance at the time of the passage of liquids and chemical drugs)
4. A high lifetime and endurance (saving the installation, fixing, maintenance, and substitution costs)
5. High levels of resistance and strength against the impacts
6. Light weights and easy installation



### Elbow 45°

Usage	Thickness	Dimensions
B	2.4	32
B	2.4	40



### Connector

Usage	Thickness	Dimensions
B	3	63*40
B	3	63*32



### Coupling

Usage	Thickness	Dimensions
B	2.4	32
B	2.4	40



### Cap

Usage	Thickness	Dimensions
B	3	32
B	3	40



## U-PVC Drainage Pipes & Fittings

### U-PVC Drainage Pipes

branch length	Thickness	DN / OD
5m	2.4	32
5m	3	40
5m	3	50
5m	3	90







## Standards:

### international standards:

- CE : The product standard is based on European Union'n requirements
- Quality management system (ISO 9001:2015)
- Environmental Management System (ISO 14001:2015)
- Occupational health and safety management systems (ISO 45001:2018)
- Integrated Management System (IMS)
- Safety, Health and Environment Management System (HSE-MS)
- Customer satisfaction system (ISO 1004:2018)
- customer complaint investigation system (ISO 10002:2018)
- Brand valuation system (ISO 10668:2010)

### National standards:

- National standard: 21-11215
- National standard: 1-9119
- National standard: 1-9118

### Certificates and approvals:

- Technical certificate of research, road, housing and urban development center
- Approved by PVC pipe and fittings producer association
- License of Development Technology, Economy, Knowledge Base Unit

## Honors

- Selection of the worthy unit of state
- Selected as the best local unite in the country
- Selected as the best unit in the country by the ministry
- Chosen as the health house of the country
- selected as the best young entrepreneur in the prov-  
ince for 10
- selected as the best unite in the province for 4 year
- Selected as the best standard unit in the province
- selected as the best entrepreneur in the province in the  
field of social security

