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Knowledge Enterprise

MEHRAS KAVIR

U-PVC Pipes & Fittings

WWW.MEHRASKAVIR.COM



History:

Mehras Kavir UPVC Pipe and Fitting Company was established in 2007. Our main goal is to produce UPVC products of the highest quality and competitive with foreign products. With the use of superior technology of young and specialist forces and new formulations, we were able to succeed in the first step to produce UPVC pipes (Electrical refractory and Nipple) with unique properties and capabilities, and in a short time we focus on domestic and foreign markets, this led to the acquisition of knowledge-based title in 2016.

We in Mehra Kavir, with more than a decade of activity in the UPVC pipe and fittings industry, by implementing our development plans, we were able to supply new products to the market and increase our share in the consumer market.

In line with the realization of long-term goals, innovation and in order to complete the production products and meet the needs of customers and the target market, in 2017, our expert team started producing UPVC pipes and fittings used in the building sewage industry with a distinctive quality.

Our goal is to create the highest quality products. The services that you deserve.



Applications of Mehra Kavir pipes and fittings

1. Discharge of urban construction and industrial wastewater
2. Passage of electrical and telecommunication cables
3. Drain Pipes and fittings construction
4. Mechanized water supply system in the poultry industry

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



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

Mehras U-PVC Sewage Pipes & Joints

According to national standard 9119-1



Some benefits:

- Great resistance to possible shocks
- Great resistance to settlement pressure and possible building problems
- Using the most PVC resin and the best additives in production
- High resistance to corrosion against acidic and alkaline chemicals
- Having the lowest coefficient of longitudinal expansion compared to other polymers
- The inner surface is very smooth and polished
- Self-extinguishing and non-spreading of flame
- Quick installation and easy transportation
- High useful life



EcoMehras U-PVC Sewage Pipes & Joints

According to national standard 9119-1

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Sewage Pipes

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

Plumbing pipes

Usage	Thickness	Dimensions
تاودانی	2.2	110

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
BD	3	90
B	3	63



Cross 45°

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



Cross 90°

Usage	Thickness	Dimensions
BD	3.2	110 × 63



Cross 45°

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



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	90 × 63
BD	3.2	110 × 63
BD	3.2	110 × 90
BD	3.2	125 × 90
BD	3.2	125 × 110



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



Socket without brake

Usage	Thickness	Dimensions
BD	2.4	90
BD	2.7	110
BD	2.7	125



brake socket

Usage	Thickness	Dimensions
B	2.4	63
BD	2.4	90
BD	2.7	110
BD	2.7	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	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

NewDuct U-PVC Electro Pipes & Joints

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

Some advantages of New duct's medium refractory electrical pipes:

1. Ability to cold bend without heat
2. Self-extinguishing and non-spreading of flame
3. Reducing the cost of implementation due to very low turnover
4. Corrosion resistance when exposed to acids and bases
5. Increased execution speed due to very easy bending
6. 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	28.4	32
1.8	36.4	40
1.5	46.4	50

NEW DUCT

Mehras U-PVC Electro Pipes & Joints

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

Some advantages of Mehras hard and heavy fireproof electrical pipes:

1. Great resistance to possible shocks
2. Ability to cold bend without heat
3. Self-extinguishing and non-spreading of flame
4. Suitable replacement for steel pipes
5. Corrosion resistance when exposed to acids and bases
6. Resistance to sunlight and no color change
7. The possibility of exposure
8. Low friction coefficient and ease of wire and cable passage
9. Eliminating side costs of stretching fillet on pipes
10. Reducing the cost of implementation due to very low turnover (at zero)
11. Increased execution speed due to very easy bending

HARD HEAVY

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	28.4	32
1.8	36.4	40
1.8	46.4	50

MTK MEHRAS

Electric pipe fittings and accessories:

Key box with bushing and interface

Some of the most important unique features:

- Very high resistance against possible pressure and shocks
- More depth than the common key box in the market
- The presence and installation of 4 brass bushings on the key box and no need to use brass bushings separately
- The ability to install the key and socket continuously or separately (single with the 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



Mehras Bushing



Mehras Bushing



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

1



The spring should be directed into the pipe and where the desired bend should be made

2



Bend the tube slowly with uniform pressure in such a way that the upper tissue of the tube is fully opened and the two sides of the tube meet each other

Note: In the area where the tube tissue is opened, there is no change in the size of the inner diameter

3



Turn the pipe bend in the direction opposite to the initial bend at the desired angle

Note: The bend should be returned slowly so that no wrinkles can be seen at the bend point

4



Remove the spring from the pipe, the desired bend is ready

Mehras U-PVC Nipple Pipes

Some advantages of Mehras PVC nipple pipes (square and round):

- 1-Maintaining the quality of water and a safe substance (transfers water without changing its color, taste, and smell)
- 2-Low friction coefficient and no pressure drop (it will facilitate the passage of liquid along the pipe path)
- 3-Corrosion resistant (high resistance when passing liquids and chemical drugs)
- 4-Long life and durability (saving installation, repair, maintenance and replacement costs)
- 5-High resistance and strength against strike
- 6-Light weight 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 product export mark

Quality Management System (ISO 9001:2015)

Environmental management system (ISO 14001:2015)

Occupational Hygiene and Safety Management Systems (ISO 45001: 2018)

Integrated Management System(IMS)

Safety, Health and Environment Management System(HSE-MS)

Customer Satisfaction System (ISO 10004:2018)

Customer Complaint Handling System (ISO 10002:2018)

Brand Valuation System (ISO 10668: 2010)

National standards:

National Standard 11215-21

National Standard 9119-1

National Standard 9118-1

Certificates and Approvals:

Technical certificate of research center, road, housing and urban development

Approval of PVC pipe and fittings manufacturers association

Development technology, economy, knowledge base unit license

Honors

Selected unit worthy of national appreciation

Selected regional sample unit

The best selected unit by the Ministry of Interior

Chosen the best health house in the country

Chosen as the best entrepreneur of the province for ten times

Selected as the sample unit of the province for 4 times

Standard sample unit and quality control of the province for 2 times

An exemplary employer in the field of social security of the province

