

DIZAYN GROUP

Produces pipes and fittings for heating systems, sanitary systems, infrastructure systems and irrigation systems

Since 1992, Dizayn Group is manufacturer of plastic pipes and fittings. Today Dizayn Group is producing pipes and fittings for heating systems, sanitary systems, infrastructure systems and irrigation systems.

With its 85 owned patents, Dizayn Group is exporting its products to more than 80 countries.

The Company has a strong Research & Development department with 50 Engineers working on different projects. With this team, Dizayn develops its own technology and products.

Dizayn Group, is manufacturing according to International standards TSE and EN. It owns ISO 9001:2000 Certificate.

In 2009, Dizayn Group launched its irrigation products to the global market.

Since 2009 Dizayn Group exhibits in international agriculture exhibitions. We would like to thank all visitors who visit our stand at the Agrame Fair in Dubai.

There are two main irrigation systems produced by Dizayn Group;

- 1-Sprinkler irrigation pipes and fittings
- 2-Drip irrigation pipes and fittings

Dizayn Sprinkler Irrigation Pipes and Fittings

Dizayn sprinkler irrigation pipes are licensed. The irrigation pipes are manufactured with muffing system. This system eliminates the leakage which mainly occurs at the joint places because of welding. Due to the fact that Dizayn sprinkler irrigation pipes are manufactured as one single piece, system is basically named as mobile system. Dizayn pipes are produced with clips and tubes are practically connected to each other and removed from each other by means of this clip system. These special clips are manu-

factured from plastic and show the same resistance to the force as well as the metal clips. Because plastic clips are 8 times lighter than metal ones, it does not add unnecessary weight to the main pipe and enables user to carry more pipes at a time.

Dizayn sprinkler pipes are made of PE 100 raw material. This raw material provides various advantages to Dizayn sprinkler irrigation pipes regarding to strength, wall thickness and weight etc. Dizayn sprinkler irrigation tubes are unbreakable. In comparison to other pipes, Dizayn tubes have finer wall thickness. They are being produced light-weighted and therefore, sprinkler irrigation system is called mobile system.

Due to the use of UV-additive raw material, the pipes are high resistant to solar rays.

Dizayn sprinkler irrigation systems that can be applied successfully to a very slope land, provides great convenience to farmers in workmanship, time and similar aspects. Dizayn sprinkler systems are preferred and used by many people in lands where equal water distribution is needed.

Dizayn sprinkler irrigation pipes with clip are produced in length of 5 or 6m in diameters between 75mm-90mm PN4, 110mm-125mm-140mm-160mm PN6

Under correct usage all products have 5 year guarantee against defects arising from raw material and manufacturing.

Sprinkler irrigation system is a system with 5 divisions. ; pump unit, main branch pipe, laterals, sprinklers and connection equipments.

Dizayn Group, provides also all needed fittings for use of these pipes.

Dizayn Drip Irrigation Pipe and Fittings

Dizayn drip irrigation pipes are made of PE raw material. Drippers are inserted into

the pipe at the process of manufacturing. Dripper reduces water pressure due to its labyrinth-like form and in this way, ejects the water out of the pipe in form of drops. They are inserted in the pipe in different distances depending on the plantation interval of the plant. It is packed in coil and user cuts it to the lengths he desires. The form of coil makes it easy to lay and pick up the system.

There are lot of advantages by using drip irrigation pipes. It considerably provides saving on water which is already in scarce on the Earth. Water is delivered as much as needed by the plant, damage that maybe given by abundant of water is thus eliminated. Each plant is given same amount of water. Salinization which causes desertification is prevented. As soil surface is not turned into mud, it is easy to harvest crop.

Disproportional irrigation of plants due to inclination is out of question. They also assure saving on agricultural pesticides, fertilizers and workmanship. Energy costs are minimum as the system operates at low pressure.

These pipes can be used for years. Drip pipes and fittings are under 5 year guarantee against defects arising from raw material and manufacturing.

There are two kinds of drip systems; Flat and round systems.

Drip irrigation systems are produced in diameters of 16mm and 20 mm. Drip pipes can run in 1, 1.3, 1.6, 2 and 4 l / h flow rate and there are options for spacing drippers in distance of 20-100 cm.

Thanks to Dizayn drip irrigation systems, the pipe let out water in drop form with a controlled pressure and so there is no waste water in this system. Problems of less or more water distribution to the plant are eliminated. So with less water more land can be irrigated.

