



irritime

PC DRIPLINE PIPES



Vineyard



Fruit Garden



Olive Grove



Greenhouse



Open Field Crops



Row Crops



Plant Nursery



Landscape

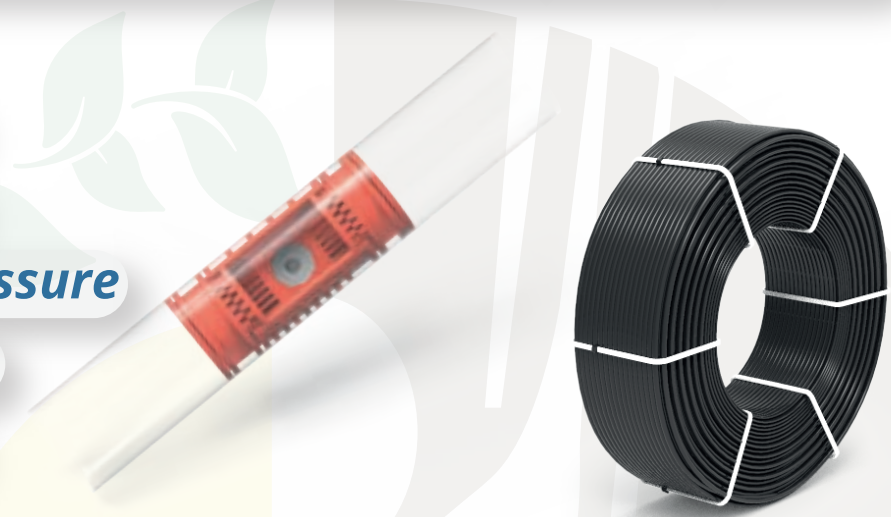
Sloping land

Flat Terrain

Adjustable Pressure

Above Ground

Thick Wall



Developed for agricultural applications, the STAR-P pressure regulated drip irrigation pipe is designed for high performance even on slopes and long lateral applications.

Advantages and Benefits;

Pressure Balancing :

Pressure regulation ensures the same flow rate at various pressures. This makes the STAR-P pressure regulated drip irrigation pipe ideal for sloping terrain and longer lateral lengths.

High Performance:

With a dripper coefficient of < 0.05 , it ensures a constant flow over a large pressure range and provides more lateral line length.

Ease of Use:

It can be easily applied in various field conditions such as sloping terrain.

Self-Cleaning and Clog Resistant:

With the self-cleaning silicone diaphragm and the large labyrinth system, the flow is not interrupted by suspended solids in the water.

Special Double Filter Design:

Special double filter design provides self-cleaning and high clogging resistance.

High Quality Production and Durability:

Made of high quality polyethylene raw material. It has high resistance to the harmful effects of the sun, fertilizers and chemicals with UV additives.

STAR-P

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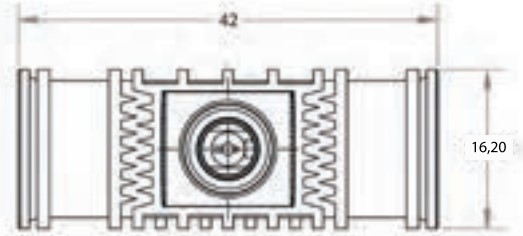
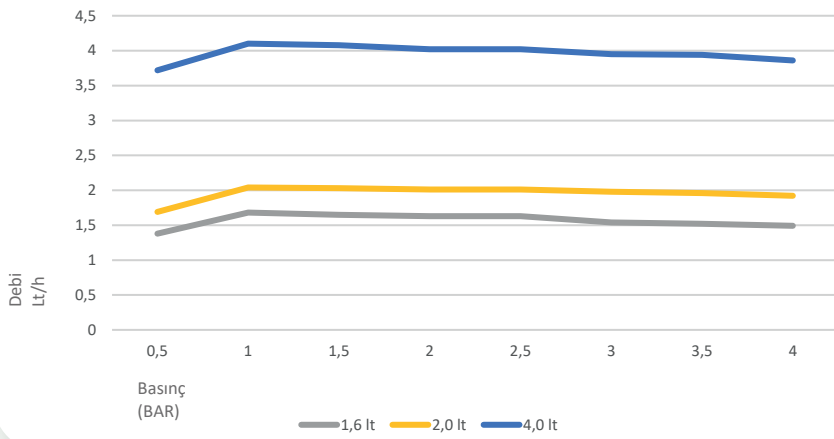
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Technical Specifications of Drip Irrigation Pipes

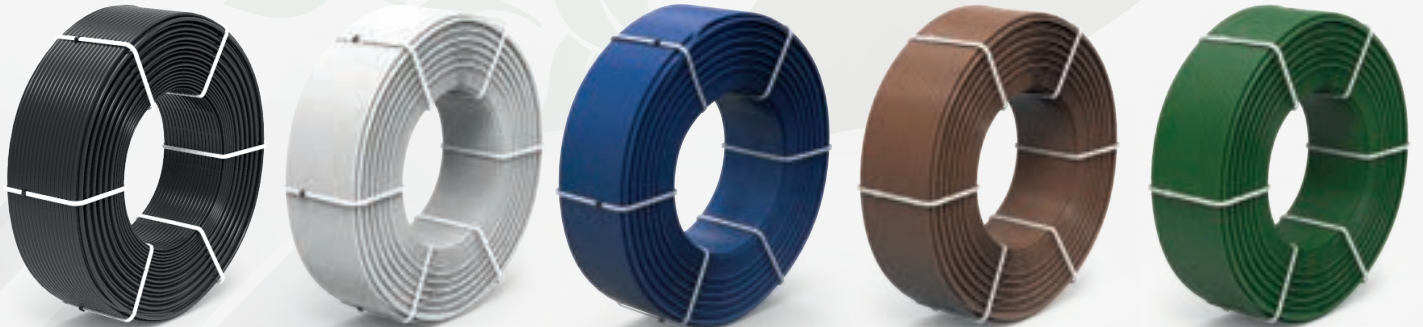
Flow Rate Lt/h	Pressure (BAR)							
	0,5	1	1,5	2	2,5	3	3,5	4
1,6 lt	1,38	1,68	1,65	1,63	1,63	1,54	1,52	1,49
2,0 lt	1,69	2,04	2,03	2,01	2,01	1,98	1,96	1,92
4,0 lt	3,72	4,1	4,08	4,02	4,02	3,95	3,94	3,86

Akış Grafiği



ØDiameter	Ø Inner Diameter	ØExternal Diameter	Wall Thickness**	Initial pressure	Max Working Pressure	Recommended Filtration	Nominal Flow Rate	Drip Range
mm	mm	mm	mm	bar	bar	mesh	lt/h	cm
16	13,7	15,5	0,9	1,0	4,0	120	1,6, 2,0, 4,0	Desired Range
		15,7	1,0	1,0	4,0	120	1,6, 2,0, 4,0	
		15,9	1,1	1,0	4,0	120	1,6, 2,0, 4,0	
		16,1	1,2	1,0	4,0	120	1,6, 2,0, 4,0	
20	17,7	19,7	1,0	1,0	4,0	120	2,0, 4,0	
		19,9	1,1	1,0	4,0	120	2,0, 4,0	
		20,1	1,2	1,0	4,0	120	2,0, 4,0	
		20,3	1,3	1,0	4,0	120	2,0, 4,0	

* ±%7 ** ±%10



Different Color Options Available for Greenhouses and Landscape Applications.

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Care and Storage Instructions

- Errors in the use of Irritime drip irrigation pipes usually occur during the land application phase. For this reason, application should be done with a good project. Attention should be paid to material selection. Attention during land application should be avoided and negativities caused by excessive hanging and friction should not be caused.

Choosing the Filter

- The most important problems in drip irrigation systems poor quality irrigation water and the associated is the risk of clogging in drippers. For drip irrigation systems to last longer and work efficiently, filter systems are used.

Fertilization

- Granular or powder fertilizers that are easily soluble in water can be used for fertilization application. At the end of fertilization, watering is continued until there is no fertilized water in the pipes. Fertilizers used in the irrigation system and lime in the water cause clogging of the drippers over time. To remove the blockage, Nitric acid or Phosphoric acid is applied to the system several times during the irrigation season. At the end of the irrigation season, the system should be operated with 0.03% HNO₃ (Nitric Acid) to ensure cleaning and to prevent clogging in the system.

HCL (Hydrochloric Acid) or H₂SO₄ (Sulfuric Acid) must not be used.



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