



irritime

Subsurface Drip Irrigation Pipes



Vineyard



Fruit Garden



olive grove



Greenhouse



Open Field Crops



Row Crops



Plant nursery



LandScape

Sloping land

Flat Terrain

Subsurface

Anti-Siphon

Pressure Adjustable

Thick Wall



STAR-S

It is the most durable pressure regulated drip irrigation pipe and is designed for sloping, steep and rocky terrains, permanent plantings with long lateral lines and above and below ground applications.

- Easy and safe to use.
- Suitable for seasonal and permanent plantings.
- Resistant to continuous picking and laying.
- Produced from quality raw materials.
- Contains additives resistant to UV rays.
- Resistant to chemicals used in agriculture.

Drip Specifications

Two different flow rates, 2 and 4 l/h are available. Made from the best raw materials ensuring durability and long lasting performance. Wide and precise water passages through the labyrinth. Special labyrinth design for high turbulent flow of water. Self-cleaning mechanism ensures uninterrupted operation without clogging. High UV resistance. Resistant to fertilizers used in agriculture. Emitter with excellent Coefficient of Variation (CV) by injection molding. Perfect for waste water reuse. Wide pressure equalization range.

Anti-Siphon

The Anti-Siphon (AS) system is a specially designed mechanism that prevents dirt and foreign matter from being sucked into the emitter. The AS feature perfectly preserves the irrigation properties and multi-year durability of the STAR-S PC. It allows it to be installed underground (SDI).

STAR-S

+90 (332) 502 27 95



info@irritime.com
www.irritime.com



Fevzi Çakmak Mah. 10762.
Sok. B Apt. No:2D Karatay/KONYA



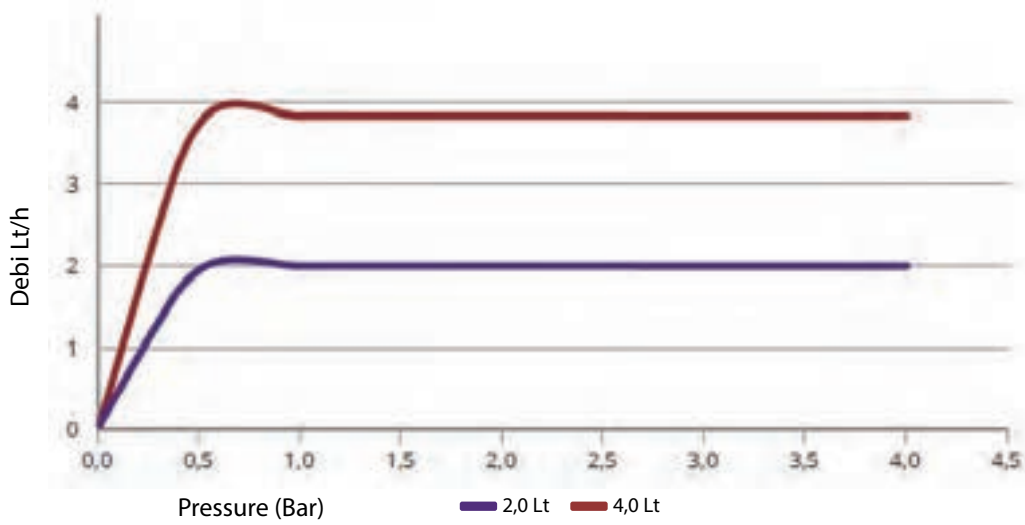


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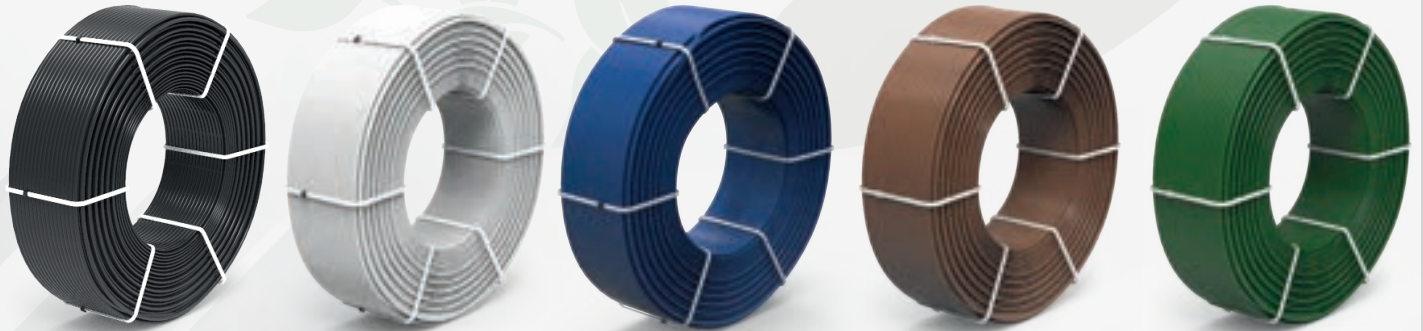
Pressure Adjustable

STAR-S PC emitters provide precise and uniform emission over a wide pressure range. has a silicone mem-brane that allows water to be delivered. STAR-S PC emitters, sensitive irrigation needs, hard rocky terrain and sloping designed for topography.



Ø Nominal Diameter	Ø Inner Diameter*	Ø Outer Diameter	Wall Thickness**	Maximum Working Pressure	Recommended Filtering	Nominal Flow Rate	Dripper Distance
mm	mm	mm	mm	bar	mesh	lt/h	cm
16	13,7	15,5	0,9	4	120	2,4	Requested Distance
		15,7	1,0	4	120	2,4	
		15,9	1,1	4	120	2,4	
		16,1	1,2	4	120	2,4	

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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