



# irritime

## DRIP IRRIGATION PIPES



Vineyard



Fruit Garden



Olive Grove



Greenhouse



Open Field Crops



Row Crops



Plant Nursery



Land Scape

**Sloping land**

**Flat Terrain**

**Above Ground**

**Thick Wall**

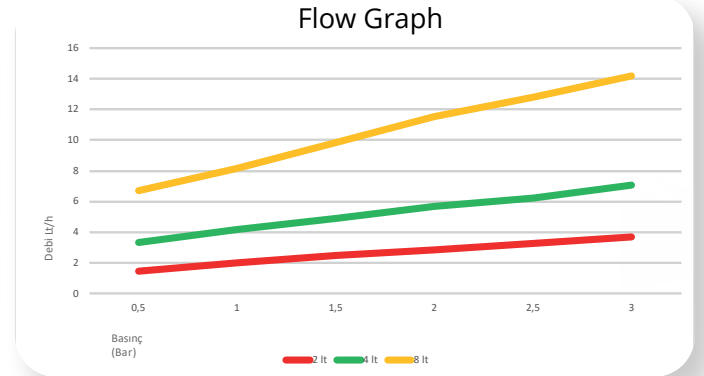


**STAR-R**

- Easy and safe to use.
- Suitable for seasonal and permanent plantings
- Resistant to continuous picking and laying.
- Made from quality raw materials.
- Contains additives resistant to UV rays.
- Drippers are tolerant to clogging
- Drippers are in the pipe.
- Drippers have 4 water outlets.
- Resistant to chemicals used in agriculture.

### Technical Specifications of Drip Irrigation Pipes

Pressure (BAR)	Flow Rate (lt/h)		
	2 lt	4 lt	8 lt
0,5	1,45	3,36	6,73
1	2,03	4,18	8,13
1,5	2,48	4,91	9,83
2	2,83	5,68	11,52
2,5	3,28	6,26	12,78
3	3,7	7,08	14,16



**STAR-R**

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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	2	120	2,4,8	Requested Distance
		15,7	1,0	2	120	2,4,8	
		15,9	1,1	2	120	2,4,8	
		16,1	1,2	2	120	2,4,8	
20	17,7	19,7	1	2	120	2,4	
		19,9	1,1	2	120	2,4	
		20,1	1,2	2	120	2,4	
		20,3	1,3	2	120	2,4	

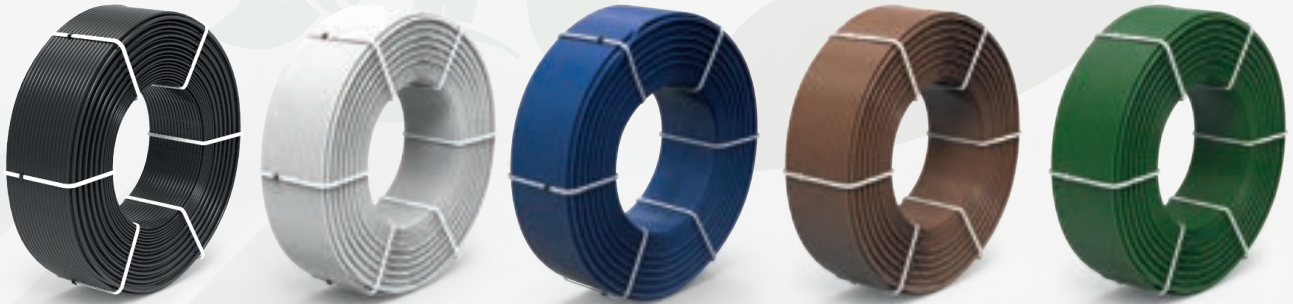
\* ±%7 \*\* ±%10

### RECOMMENDED LINE LENGTH

PRODUCT	Diameter mm	Dripper Distance Lph	ΔQ ±	Pressure	20	25	33	40	50	60	75	100
STAR-R DRİP PİPE	16	2	3,5%	0,5	29	37	44	53	66	77	85	97
			5,0%	1	39	49	59	71	88	103	113	129
			7,0%	1,5	47	59	71	85	106	124	136	155
			10,0%	2	54	68	81	98	121	142	156	178
STAR-R DRİP PİPE	16	4	3,5%	0,5	23	29	35	40	53	62	65	74
			5,0%	1	30	39	46	53	71	82	86	99
			7,0%	1,5	36	47	55	64	85	98	103	119
			10,0%	2	41	54	63	73	98	113	119	137

### RECOMMENDED LINE LENGTH

PRODUCT	Diameter mm	Dripper Distance Lph	ΔQ ±	Pressure	20	25	33	40	50	60	75	100
STAR-R DRİP PİPE	20	2	3,5%	0,5	50	62	71	82	92	97	112	123
			5,0%	1	66	83	94	109	123	129	149	164
			7,0%	1,5	79	100	113	131	148	155	179	197
			10,0%	2	91	115	130	150	170	178	206	226
STAR-R DRİP PİPE	20	4	3,5%	0,5	34	43	52	60	72	77	87	95
			5,0%	1	45	54	69	80	96	102	116	127
			7,0%	1,5	54	61	83	96	115	122	139	152
			10,0%	2	62	70	95	110	132	141	160	175



Seralar ve Peyzaj Uygulamaları İçin Farklı Renk Seçenekleri Mevcuttur.

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## DRIP IRRIGATION PIPES

### 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% HNO<sub>3</sub> (Nitric Acid) to ensure cleaning and to prevent clogging in the system.

HCL (Hydrochloric Acid) or H<sub>2</sub>SO<sub>4</sub> (Sulfuric Acid) must not be used.



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