

Technical Data

Drip Irrigation

**Dripline > Light
> RO-DRIP**

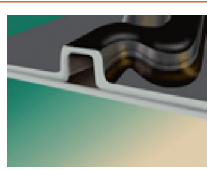


DESCRIPTION:

Application	
• Open field crops by loose or draining terrains	
Specifics	
• Six different flow-rates	• Dropper by extrusion
• Working pressure: 7 mH2O	• Recommended filtration: 120 micron (Q>0,5 l/h)
• Wide passages labyrinth	
Features	
• High resistance to clogging	• High resistance to traction
• Expandable labyrinth by ejecting clogging stuff	• High-quality materials

HOW CHOOSING THE THICKNESS OF LIGHT DRIPLINE

- **6 mils** - to use when stones and insects are in small quantity and when cost is an important issue. This hose is cheaper than the 8 mils ones
- **8 mils** - recommended to new users which claims a slight and durable product or for expert farmers who use the hose for double crops or want something long-term use



Unique Expanding Vortex Labyrinth

Accurate projecting and realizing ensures large and even channels. Every shapes is designed and printed so to avoid even the smallest variability and allows constant flow-rates



Vortex Labyrinth Action

An artificial turbulence maintains particles suspended and moving in each corner or bend of the flow channel avoiding sedimentation and clogging and creating serious problems



Expandable Flow Channel

The unique structure of the TAPE creates a very important "second line defence" against cloggings by contaminants. The flow channel can expand and eject a clogging so to recreate the hydral flow-path

RO-DRIP 16 DRIPLINE-STANDARD COILS

mil thickness	Coils mt	cm spacing	Ql/h per mt 100	Code
6	3.048	10	750 - 1050	TSAT121
6	3.048	20	500	TSAT123
6	3.048	30	185	TSAT124
6	3.048	30	300	TSAT125
8	2.286	10	750 - 1050	TSAT141
8	2.286	20	500	TSAT143
8	2.286	30	300	TSAT145

RO-DRIP 22 DRIPLINE-STANDARD COILS

mil thickness	Coils mt	cm spacing	Ql/h per mt 100	Code
8	1.737	20	500	TSAT399
8	1.737	30	185	TSAT400
8	1.737	30	300	TSAT401
10	1.524	30	300	TSAT421

COILS NUMBER PER SHIPMENT

Coils x pallet	20 ft container		40 ft HC container		Truck	
	Pallet	Coils	Pallet	Coils	Pallet	Coils
16	20	320	40	640	40	640

Spacing among driplines cm	mt dripline per Ha	Flow-rates (l/h) in 100 mt tape at 0,55 bar					
		750	500	300	250	210	185
m ³ /h required per Ha							
80	12.500	93	62	38	31	26	23
90	11.110	83	55	33	27	23	21
100	10.000	75	50	30	25	21	19
110	9.090	68	45	27	22	19	17
120	8.333	62	42	25	21	18	16
130	7.692	57	38	23	19	16	14
140	7.143	53	36	21	18	15	13
150	6.667	50	33	20	16	14	12
160	6.250	47	31	19	15	13	12
170	5.882	44	29	18	15	12	11
180	5.556	41	28	17	14	12	10
190	5.263	39	26	16	13	11	10
200	5.000	37	25	15	12	11	9
210	4.762	35	24	14	12	10	9
220	4.546	34	23	14	11	10	9
230	4.348	32	22	13	11	9	8
240	4.167	31	21	13	10	9	8

Ø dripline mm	Thickness mils	Thickness mm	Spacing cm	Flow-rate l/h		90% C.U. Max mt
				per dripper	per 100 mt	
16	6	0,15	10	0,75	750	83
16	6	0,15	10	1,05	1.050	72
16	6	0,15	20	1,00	500	108
16	6	0,15	30	0,56	185	197
16	6	0,15	30	0,90	300	150
16	8	0,20	10	0,75	750	83
16	8	0,20	10	1,05	1.050	72
16	8	0,20	20	1,00	500	108
16	8	0,20	30	0,90	300	150
16	8	0,20	40	1,00	250	168
22	8	0,20	20	1,00	500	193
22	8	0,20	30	0,56	185	352
22	8	0,20	30	0,90	300	268
22	8	0,20	30	0,56	185	352
22	8	0,20	30	0,90	300	268
22	10	0,25	30	0,90	300	268