

Technical Data

Dripline > Light > T-SAL S1



DESCRIPTION:

Application

- Horticulture, intensive and extensive open field crops and glasshouses

Specifics

- **Standard flow-rates: 0,6 - 1,0 - 1,4 - 2,2 l/h**
- Wall thickness: 6 - 8 - 10 mil (12 mil on request)
- Turbulent flow labyrinth and wide passages dripper
- Large dimension intake filter
- Technological variation coefficient CV: 1,5%
- Recommended filtration: 120 micron (140 micron for 0,6 l/h)

Features

- Coextruded dripper
- High resistance to clogging due to a wide turbulence flow labyrinth
- Water input in the dripper assures to have always the cleanest water

Materials

- Linear Pe an PeBd pipe
- Polyethylene dripper

T-SAL Ø 16 LIGHT DRIPLINE FLOW-RATE 1 L/H

mil thickness	cm spacing	Code	Coils mt
6	15	TSAL400	2.700
6	20	TSAL401	2.800
6	25	TSAL402	2.900
6	30	TSAL403	3.000
6	40	TSAL404	3.000
6	50	TSAL405	3.000
8	15	TSAL160	2.600
8	20	TSAL161	2.700
8	25	TSAL162	2.800
8	30	TSAL163	2.900
8	40	TSAL164	2.900
8	50	TSAL165	2.900
10	20	TSAL451	2.300
10	25	TSAL452	2.400
10	30	TSAL453	2.500
10	40	TSAL454	2.500
10	50	TSAL455	2.500

T-SAL Ø 22 LIGHT DRIPLINE FLOW-RATE 1 L/H

mil thickness	cm spacing	Code	Coils mt
8	20	TSAL702	2.000
8	25	TSAL701	2.000
8	30	TSAL703	2.100
8	40	TSAL704	2.100
8	50	TSAL705	2.100
10	20	TSAL761	1.400
10	25	TSAL762	1.400
10	30	TSAL763	1.600
10	40	TSAL764	1.600
10	50	TSAL765	1.600

COILS NUMBER PER SHIPMENT

Coils x pallet	20 ft container		40 ft HC container		Truck	
	Pallet	Coils	Pallet	Coils	Pallet	Coils
20	16	320	40	800	40	800

*It depends on the destination and weight of the goods

Note: For flow-rates different from the above chart, please ask our purchase office (The price does not change for different flow rates)

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Dripline > Light

TECHNICAL FEATURES

Ø _{nom} mm	mil thickness	Ø _{int}	Ø _{est}	Max P mH2O
		mm		
16	6	16,1	16,4	10,0
16	8	16,1	16,5	12,0
16	10	16,1	16,6	14,0
22	8	22,2	22,6	10,0
22	10	22,2	22,7	13,0

PRESSURE/FLOW RATE RATIO

Flow-rate l/h	mH2O			
	5	8	10	12
0,6	0,42	0,54	0,60	0,66
1,0	0,70	0,86	0,95	1,03
1,4	0,99	1,23	1,36	1,48
2,2	1,63	2,00	2,20	2,38

DRIPPING LABYRINTH

Dimensions	Flow-rate l/h		
	0,6	1	1,4
Depth mm	0,75	0,55	0,75
Width mm	0,33	0,6	0,6
Filter mm ²	2,7	2,7	2,7

MAXIMUM LENGHTS IN MT RECOMMENDED ON FLAT GROUNDS FOR T-SAL S1 8 MILS

Dripline Ø mm	Flow-rate drifter lt/h	Flow-rate variation	Spacing among drippers (cm)							
			15	20	25	30	40	50	60	
16	0,60	10%	128	156	181	218	248	288	324	
16	0,60	15%	149	182	212	254	289	336	378	
16	1,00	10%	99	120	140	168	191	222	250	
16	1,00	15%	115	140	163	196	222	258	291	
16	1,40	10%	78	94	110	131	149	173	194	
16	1,40	15%	91	110	127	153	173	201	226	
16	2,20	10%	57	69	80	91	110	125	143	
16	2,20	15%	66	80	92	120	126	144	165	

Dripline Ø mm	Flow-rate drifter lt/h	Uniformity coefficient	Spacing among drippers (cm)							
			15	20	25	30	40	50	60	
16	0,60	EU 90%	172	208	242	274	332	384	434	
16	0,60	EU 85%	198	239	278	315	382	442	499	
16	1,00	EU 90%	148	180	209	236	286	332	374	
16	1,00	EU 85%	169	205	239	270	327	379	427	
16	1,40	EU 90%	105	123	146	164	199	230	259	
16	1,40	EU 85%	120	142	167	189	229	264	298	
16	2,20	EU 90%	75	91	110	124	149	170	185	
16	2,20	EU 85%	98	120	139	158	190	220	245	

22	0,60	10%	219	267	312	353	428	496	560	
22	0,60	15%	255	311	363	411	498	578	652	
22	1,00	10%	166	202	236	266	323	375	424	
22	1,00	15%	193	235	274	310	376	437	493	
22	1,40	10%	133	161	187	211	255	295	332	
22	1,40	15%	155	188	218	245	296	343	386	
22	2,20	10%	96	116	138	156	186	218	247	
22	2,20	15%	110	136	158	179	217	251	284	

22	0,60	EU 90%	277	338	394	446	541	627	708	
22	0,60	EU 85%	318	389	453	513	622	721	815	
22	1,00	EU 90%	220	270	314	355	431	500	565	
22	1,00	EU 85%	253	310	361	408	495	575	649	
22	1,40	EU 90%	164	199	231	258	314	364	409	
22	1,40	EU 85%	189	229	265	282	361	418	470	
22	2,20	EU 90%	131	152	179	208	245	294	323	
22	2,20	EU 85%	165	204	238	271	325	376	422	