

Technical Data



Dripline > Heavy > T-SAL DL



DESCRIPTION:

Application

- Horticulture, intensive and extensive open field crops and glasshouses

Specifics

- **Standard flow-rates: 2,3 l/h Ø 16 and 2 l/h Ø 20**
- Flow-rates on request: 1,15 - 1,5 - 3,8 l/h
- Wall thickness: 36/10mil (0,9mm)
- 5 thickness available
- Turbulent flow labyrinth and wide passages
- Large dimension intake filter
- Technological variation coefficient CV: 1,5%
- Recommended filtration: 120 micron

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

TSAL DL Ø 16 DRIPLINE - STANDARD COILS

mil thickness	cm spacing	l/h	Code	Coils mt
36	30	1,5	TSAL883	500
36	40	1,5	TSAL884	500
36	30	2,3	TSAL922	500
36	40	2,3	TSAL923	500

TSAL DL Ø 20 DRIPLINE - STANDARD COILS

mil thickness	cm spacing	l/h	Code	Coils mt
36	30	1,5	TSAL1103	400
36	40	1,5	TSAL1104	400
36	30	2,0	TSAL1113	400
36	40	2,0	TSAL1114	400

Note: For flow-rates different from the above chart, please ask our purchase office

COILS NUMBER PER SHIPMENT

Coils x pallet	20 ft container		40 ft HC container		Truck	
	Pallet	Coils	Pallet	Coils	Pallet	Coils
28	10	280	20	560	20	560

Use "BLACK swivel fittings
for heavy dripline (T-SAL DL) and LDPE pipe"
described in the fittings section

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TECHNICAL FEATURES

Ø _{nom}	Thickness		Ø _{int}	Ø _{est}	Max P mH2O
	mm	mil			
16	0,9	36	16,10	17,90	35
20	0,9	36	17,50	19,30	35

PRESSURE/FLOW RATE RATIO

l/h	mH2O			
	5	10	15	20
1,15	0,79	1,15	1,430	1,67
1,50	0,96	1,40	1,740	2,04
2,20	1,58	2,30	2,860	3,34
3,80	2,61	3,80	4,730	5,53

DRIPPING LABYRINTH

Dimensions	Flow-rate l/h				
	0,8	1,3	1,6	2,6	3,8
Depth mm	0,5	0,6	0,65	0,8	0,9
Width mm	0,6	0,7	0,7	0,8	1
Filter mm ²	7,94	7,94	7,94	7,94	7,94

MAXIMUM LENGHTS IN MT RECOMMENDED ON FLAT GROUNDS FOR T-SAL L 36 MILS

Dripline Ø mm	Flow-rate drinker lt/h	Flow-rate variation	Spacing among drippers (cm)		Dripline Ø mm	Flow-rate drinker lt/h	Uniformity coefficient	Spacing among drippers (cm)	
			30	40				30	40
16	1,15	10%	100	122	20	1,15	10%	140	170
16	1,15	15%	115	138	20	1,15	15%	160	195
16	1,5	10%	85	104	20	1,5	10%	120	147
16	1,5	15%	95	116	20	1,5	15%	134	164
16	2	10%	75	93	20	2	10%	107	131
16	2	15%	85	104	20	2	15%	121	147
16	2,3	10%	64	80	20	2,3	10%	92	111
16	2,3	15%	74	90	20	2,3	15%	103	127
16	3,8	10%	47	57	20	3,8	10%	66	81
16	3,8	15%	53	65	20	3,8	15%	75	91