



ARIES TWD

INTEGRAL DRIPPER, THIN WALL DRIPPERLINE



16125 - 16150 - 22125 – 22135 -22150

APPLICATIONS

- On-surface multi seasonal row crops.
- Sub-surface multi seasonal row crops.

SPECIFICATIONS

- Maximum system pressure: according to dripperlines wall thickness.
- Recommended filtration: 130 micron / 120 mesh.
- Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed before the main filter. When sand/ silt/ clay solids exceed 100 ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- TurbuNext™ labyrinth with superior performance.
- To be "welded" into medium-walled dripperlines (0.31, 0.34, 0.38 mm).
- Injected dripper, very low CV.
- UV resistant.
- Resistant to standard nutrients used in agricultural.
- Aries™ drippers meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII).

FEATURES AND BENEFITS

- Largest filter in each dripper. Wide filtration area to ensure optimal performance even under harsh water conditions.
- TurbuNext™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance. Widest water passages within the dripper.
- The water is drawn in to the dripper from the stream center, preventing the entrance of sediments in to the drippers.
- Injection molded dripper construction, ensuring uniform drippers and very low CV.

DRIPPERS TECHNICAL DATA

16125, 16150 - 22125 - 22135 – 22150 -- 0.31, 0.34 and 0.38 mm wall thickness dripperlines

FLOW RATE* (L/H)	MAXIMUM WORKING PRESSURE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM²)	CONSTANT K	EXPONENT X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.95	1.5 up to 2.2	0.60 x 0.74 x 65	45	0.329	0.46	130/120
1.35	1.5 up to 2.2	0.71 x 0.85 x 65	48	0.468	0.46	130/120
1.85	1.5 up to 2.2	0.76 x 1.03 x 65	51	0.641	0.46	130/120
2.80	1.5 up to 2.2	0.90 x 1.20 x 65	51	0.971	0.46	130/120
3.80	1.5 up to 2.2	0.94 x 1.28 x 33	51	1.318	0.46	130/120

*Flow rate at 1.0 bar pressure

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Aries TWD Dripperline
September 2017
CP



Catalog number **12935** - (any of below 6 digits)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)													
	0.15	0.20	0.25	0.30	0.33	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.95		002230		002300	002302	002310	003220							
1.35				007010										
1.85		003245	003240	003300		003330	003360							
2.80			004240	004300		004340	004400							
3.80		005220		005300		005320	005340	005360						
Carton coil length (m)	1000	1000	1000	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100

Missing catalog numbers available upon request.

DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAXIMUM FLUSHING PRESSURE (BAR)	KD
16125	16.20	0.31	16.82	1.8	2.3	0.3

DRIPPERLINES PACKAGE DATA (ON CARTON COILS)

MODEL	WALL THICKNESS (MM)	DISTANCE BETWEEN DRIPPERS (M)	COIL LENGTH (M)	AVERAGE* COIL WEIGHT (KG)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)
16125	0.31	0.15 to 0.25	1000	18.7	640	640000
		0.30 to 1.00	1100	19.5	640	704000

*According to drippers spacing

Catalog number **12937** - (any of below 6 digits)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)													
	0.15	0.20	0.25	0.30	0.33	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.95		002020		002050	002056	002080	002090							
1.35				003050		003070								
1.85		003478		003500		003520					003560			
2.80		004480		004500		004520		004600						
3.80				006000		006020	006040	006120						
Carton coil length (m)	900	900	900	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Missing catalog numbers available upon request.

DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAXIMUM FLUSHING PRESSURE (BAR)	KD
16150	16.20	0.38	16.96	2.2	2.9	0.3

DRIPPERLINES PACKAGE DATA (ON CARTON COILS)

MODEL	WALL THICKNESS (MM)	DISTANCE BETWEEN DRIPPERS (M)	COIL LENGTH (M)	AVERAGE* COIL WEIGHT (KG)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)
16150	0.38	0.15 to 0.25	900	20.1	640	576000
		0.30 to 1.00	1000	21.4	640	640000

*According to drippers spacing

Catalog number **12965** - (any of below 6 digits)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)													
	0.15	0.20	0.25	0.30	0.33	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.90	1.00
0.95				002050		002100	002150							
1.35				002600		002640	002660							
1.85				003050		003100	003150							
2.80														
3.80														
Carton coil length (m)	900	900	900	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Missing catalog numbers available upon request.

DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAXIMUM FLUSHING PRESSURE (BAR)	KD
22125	22.20	0.31	22.82	1.5	2.0	0.06

DRIPPERLINES PACKAGE DATA (ON CARTON COILS)

MODEL	WALL THICKNESS (MM)	DISTANCE BETWEEN DRIPPERS (M)	COIL LENGTH (M)	AVERAGE* COIL WEIGHT (KG)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)
22125	0.31	0.15 to 0.25	900	21.9	640	576000
		0.30 to 1.00	1000	23.4	640	640000

*According to drippers spacing

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