



## DRIPNET PC™ 12250 - 12200 - 12150 - 12125

### INTEGRAL PRESSURE COMPENSATED DRIPPERLINES

#### APPLICATIONS

- Row crop irrigation.

#### SPECIFICATIONS

- Working pressure, 0.4 to 2.5/3.0 bar (according to flow rate model & dripperlines wall-thickness).
- TurboNet™ labyrinth with large water passages.
- 3 different flow rates.
- To be "welded" into a thin/medium walled dripperlines (0.31 to 0.63 mm.)
- Injected dripper, very low CV.
- Injected silicon diaphragm.
- DripNet PC™ meet ISO 9261 standards and production is certified by the Israel Standards Institute (SII)

#### FEATURES AND BENEFITS

- PC system, patented pressure differential system, maintains uniform flow rate at different inlet working pressures (between 0.4 to 2.5/3.0 bar), ensuring exact distribution of the water and nutrients.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance. Wide cross-section allows large particles to pass through.
- Wide filtration area to ensure optimal performance even under harsh water conditions.
- Self-flushing system and wide filtration area provide improved resistance to clogging.

#### DRIPPERS TECHNICAL DATA

NOMINAL FLOW RATE (L/H.)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM X MM X MM)	FILTRATION AREA (MM 2)	CONSTANT K	EXPONENT* X
0.6	0.4 - 2.5	0.52 x 0.60 x 22	39	0.6	0
1.0	0.4 - 2.5	0.61 x 0.60 x 8	39	1.0	0
1.6	0.4 - 2.5	0.76 x 0.73 x 8	39	1.6	0

\*Within working pressure range

#### DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM.)	WALL THICKNESS (MM.)	OUTSIDE DIAMETER (MM.)	MAX. WORKING PRESSURE (BAR)	KD
12250	11.80	0.63	13.06	2.5/3.0*	1.35
12200	11.80	0.50	12.80	2.5/3.0*	1.35
12150	11.80	0.38	12.56	2.5	1.35
12125	11.80	0.31	12.42	2.1	1.35

\* Maximum working pressure is defined by the dripper , not by the dripperline wall thickness

# DRIPNET PC™ 12250 - 12200 - 12150 - 12125

## PERFORMANCE DATA

DripNet PC™ 12125 & 12150 - I.D. 11.8 mm. - Kd 1.35 - Inlet pressure 2.0 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	63	120	171	219	264	306	346	384	420	456
1.0	45	85	122	157	189	220	249	276	302	328
1.6	33	63	90	116	139	161	183	203	223	242

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

DripNet PC™ 12200 & 12250 - I.D. 11.8 mm. - Kd 1.35 - Inlet pressure 2.4 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	68	129	185	236	285	331	374	415	455	493
1.0	49	92	132	170	204	237	268	298	327	354
1.6	36	68	97	125	151	175	198	220	241	262

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar  
For more information , please contact Netafim Technical Department or connect to our website at : [www.netafim.com](http://www.netafim.com)

## PACKAGING DATA

DRIPNET PC™ ON CARTON COILS	WALL THICKNESS (MM.)	DISTANCE BETWEEN DRIPPERS (METER)	COIL LENGTH (METER)	AVERAGE COIL WEIGHT* (KG.)	NUMBER OF COILS IN A PALLET (UNITS)	AVERAGE PALLET WEIGHT* (KG)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (METERS)
12125	0.31	0.20 to 0.75	350	6.4	36	239	1440	504000
12150	0.38	0.20 to 0.75	300	5.6	36	211	1440	432000
12200	0.50	0.20 to 0.75	250	5.8	36	218	1440	360000
12250	0.63	0.30 to 0.75	350	9.3	27	261	1080	378000

\*according to drippers spacing

\*\*This dripperlines can also be ordered on multi-seasonal plastic coils

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## DRIPNET PC™ 16250 - 16200 - 16150 - 16125

### INTEGRAL PRESSURE COMPENSATED DRIPPERLINES

#### APPLICATIONS

- Row crop irrigation.

#### SPECIFICATIONS

- Working pressure, 0.4 to 2.5/3.0 bar (according to flow rate model & dripperlines wall-thickness).
- TurboNet™ labyrinth with large water passages.
- 6 different flow rates.
- To be "welded" into a thin/medium walled dripperlines (0.31 to 0.63 mm.)
- Injected dripper, very low CV.
- Injected silicon diaphragm.
- DripNet PC™ meet ISO 9261 standards and production is certified by the Israel Standards Institute (SII)

#### FEATURES AND BENEFITS

- PC system, patented pressure differential system, maintains uniform flow rate at different inlet working pressures (between 0.4 to 2.5/3.0 bar), ensuring exact distribution of the water and nutrients.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance. Wide cross-section allows large particles to pass through.
- Wide filtration area to ensure optimal performance even under harsh water conditions.
- Self-flushing system and wide filtration area provide improved resistance to clogging.

#### DRIPPERS TECHNICAL DATA

NOMINAL FLOW RATE (L/H.)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM X MM X MM)	FILTRATION AREA (MM <sup>2</sup> )	CONSTANT K	EXPONENT* X
0.6	0.4 - 2.5	0.52 x 0.60 x 22	39	0.6	0
1.0	0.4 - 2.5	0.61 x 0.60 x 8	39	1.0	0
1.6	0.4 - 2.5	0.76 x 0.73 x 8	39	1.6	0
2.0	0.4 - 3.0	0.76 x 0.85 x 8	39	2.0	0
3.0	0.4 - 3.0	1.02 x 0.88 x 8	39	3.0	0
3.8	0.4 - 3.0	1.02 x 0.88 x 8	39	3.8	0

\* Within working pressure range

#### DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM.)	WALL THICKNESS (MM.)	OUTSIDE DIAMETER (MM.)	MAX. WORKING PRESSURE (BAR)	KD
16250	15.40	0.63	16.66	2.0	0.4
16200	15.60	0.50	16.60	1.8	0.4
16150	16.20	0.38	16.96	1.8	0.4
16125	16.20	0.31	16.82	1.4	0.4

# DRIPNET PC™ 16250 - 16200 - 16150 - 16125

## PERFORMANCE DATA

DripNet PC™ 16125 - I.D. 16.2 mm. - Kd 0.40 - Inlet pressure 1.2 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	107	194	270	337	400	457	511	562	611	658
1.0	77	139	194	242	287	329	368	405	440	474
1.6	56	102	143	179	212	243	272	299	326	351
2.0	49	89	123	155	184	211	236	259	283	304
3.0	37	68	95	119	142	162	181	200	218	235
3.8	32	58	81	102	122	139	156	172	187	202

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

DripNet PC™ 16150 - I.D. 16.2 mm. - Kd 0.40 - Inlet pressure 1.6 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	123	224	311	389	461	527	590	650	707	761
1.0	88	160	223	280	332	380	425	468	509	548
1.6	65	118	164	206	245	280	314	346	376	405
2.0	56	102	142	178	212	243	272	300	326	351
3.0	43	78	109	137	163	187	209	231	251	271
3.8	34	63	88	110	132	151	169	186	203	218

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

DripNet PC™ 16200 - I.D. 15.6 mm. - Kd 0.40 - Inlet pressure 1.6 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	116	211	293	366	434	496	555	610	664	715
1.0	83	151	210	263	312	357	400	440	478	515
1.6	61	111	155	194	231	264	295	325	354	381
2.0	53	96	134	168	200	229	256	282	307	330
3.0	40	74	103	129	154	176	197	217	237	255
3.8	35	63	89	111	132	151	169	186	203	219

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

DripNet PC™ 16250 - I.D. 15.4 mm. - Kd 0.40 - Inlet pressure 2.0 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	126	229	318	397	471	538	602	662	720	775
1.0	90	164	228	286	338	387	433	477	518	559
1.6	66	121	168	210	250	286	320	353	383	413
2.0	57	104	145	182	216	248	277	306	332	358
3.0	44	80	112	140	167	191	214	235	257	276
3.8	37	69	96	120	143	164	183	202	221	237

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

For more information , please contact Netafim Technical Department or connect to our website at : [www.netafim.com](http://www.netafim.com)

## PACKAGING DATA

DRIPNET PC™ ON CARTON COILS	WALL THICKNESS (MM.)	COIL LENGTH (METER)	DISTANCE BETWEEN DRIPPERS (METER)	AVERAGE COIL WEIGHT* (KG.)	NUMBER OF COILS IN A PALLET (UNITS)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (METERS)
16250	0.63	750	0.15	26.5	12	480	360000
		800	0.20 to 0.75	26.5	12	480	384000
16200	0.50	750	0.15	26.5	12	480	360000
		800	0.20 to 0.75	26.5	12	480	384000
16150	0.38	700	0.15	16.7	16	640	448000
		800	0.20 to 0.35	17.4	16	640	512000
		900	0.40 to 0.75	20.7	16	640	576000
16125	0.31	900	0.15	18.1	16	640	576000
		1000	0.20 to 0.35	18.3	16	640	640000
		1100	0.40 to 0.75	19.0	16	640	704000

\*This dripperlines can also be ordered on multi-seasonal plastic coils



## DRIPNET PC™ 16350 - 17350 - 23350

INTEGRAL PRESSURE COMPENSATED DRIPPERLINES

### APPLICATIONS

- Row crop irrigation.

### SPECIFICATIONS

- Working pressure, 0.4 to 2.5/3.0 bar (according to flow rate model & dripperlines wall-thickness).
- TurboNet™ labyrinth with large water passages.
- 6 different flow rates.
- To be "welded" into a thick walled dripperline (0.9 mm.)
- Injected dripper, very low CV.
- Injected silicon diaphragm.
- DripNet PC™ meet ISO 9261 standards and production is certified by the Israel Standards Institute (SII)

### FEATURES AND BENEFITS

- PC system, patented pressure differential system, maintains uniform flow rate at different inlet working pressures (between 0.4 to 2.5/3.0 bar), ensuring exact distribution of the water and nutrients.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance. Wide cross-section allows large particles to pass through.
- Wide filtration area to ensure optimal performance even under harsh water conditions.
- Self-flushing system and wide filtration area provide improved resistance to clogging.

### DRIPPERS TECHNICAL DATA

NOMINAL FLOW RATE (L/H.)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM X MM X MM)	FILTRATION AREA (MM 2)	CONSTANT K	EXPONENT* X
0.6	0.4 - 2.5	0.52 x 0.60 x 22	39	0.6	0
1.0	0.4 - 2.5	0.61 x 0.60 x 8	39	1.0	0
1.6	0.4 - 2.5	0.76 x 0.73 x 8	39	1.6	0
2.0	0.4 - 3.0	0.76 x 0.85 x 8	39	2.0	0
3.0	0.4 - 3.0	1.02 x 0.88 x 8	39	3.0	0
3.8	0.4 - 3.0	1.02 x 0.88 x 8	39	3.8	0

\* Within working pressure range

### DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM.)	WALL THICKNESS (MM.)	OUTSIDE DIAMETER (MM.)	MAX. WORKING PRESSURE (BAR)	KD
16350	14.20	0.90	16.00	2.5/3.0*	0.72
17350	15.20	0.90	17.00	2.5/3.0*	0.45
23350	20.80	0.90	22.60	2.5/3.0*	0.30

\* Maximum working pressure is defined by the dripper , not by the dripperline wall thickness



## DRIPNET PC™ 16350 - 17350 - 23350

### PERFORMANCE DATA

**DripNet PC™ 16350 - I.D. 14.2 mm. - Kd 0.72 - Inlet pressure 2.4 bar**

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	105	195	276	349	418	481	541	598	653	705
1.0	75	140	197	250	300	346	389	430	470	508
1.6	55	103	146	184	221	255	287	318	347	375
2.0	47	89	126	160	191	221	249	275	301	325
3.0	36	68	96	123	147	170	191	212	231	250
3.8	31	58	83	105	126	146	165	182	199	215

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

**DripNet PC™ 17350 - I.D. 15.2 mm. - Kd 0.45 - Inlet pressure 2.4 bar**

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	130	237	331	415	492	564	632	696	757	816
1.0	93	170	237	298	354	406	454	501	545	588
1.6	68	125	175	220	261	299	336	370	403	435
2.0	59	108	151	190	226	259	291	321	349	377
3.0	45	83	116	146	174	200	224	247	269	290
3.8	39	71	100	126	150	172	193	212	231	250

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

**DripNet PC™ 23350 - I.D. 20.8 mm. - Kd 0.30 - Inlet pressure 2.4 bar**

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	225	410	571	716	849	972	1088	1198	1303	1404
1.0	161	294	410	514	610	699	783	862	939	1011
1.6	118	216	302	379	450	516	578	638	694	748
2.0	102	187	261	328	390	447	501	552	601	648
3.0	78	143	200	252	300	344	386	426	463	499
3.8	67	123	172	216	257	295	331	366	398	429

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

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### PACKAGING DATA

DRIPNET PC™ ON BUNDLED COILS	WALL THICKNESS (MM.)	COIL LENGTH (METER)	DISTANCE BETWEEN DRIPPERS (METER)	AVERAGE COIL WEIGHT* (KG.)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (METERS)
16350	0.9	500	0.15 to 0.75	18.5	330	165000
17350	0.9	500	0.15 to 0.75	19.5	330	165000
23350 (on carton coils)	0.9	350	0.15 to 0.75	22.5	480	168000
	0.9	400	0.2 to 1.00	24.8	480	192000

\* According to drippers spacing. This dripperlines can also be ordered on multi-seasonal plastic coils.



## DRIPNET PC™ 16390 - 17390 - 20390

INTEGRAL PRESSURE COMPENSATED DRIPPERLINES

### APPLICATIONS

- Row crop irrigation.

### SPECIFICATIONS

- Working pressure, 0.4 to 2.5/3.0 bar (according to flow rate model & dripperlines wall-thickness).
- TurboNet™ labyrinth with large water passages.
- 6 different flow rates.
- To be "welded" into a thick walled dripperline (1.0 mm.)
- Injected dripper, very low CV.
- Injected silicon diaphragm.
- DripNet PC™ meet ISO 9261 standards and production is certified by the Israel Standards Institute (SII)

### FEATURES AND BENEFITS

- PC system, patented pressure differential system, maintains uniform flow rate at different inlet working pressures (between 0.4 to 2.5/3.0 bar), ensuring exact distribution of the water and nutrients.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance. Wide cross-section allows large particles to pass through.
- Wide filtration area to ensure optimal performance even under harsh water conditions.
- Self-flushing system and wide filtration area provide improved resistance to clogging.

### DRIPPERS TECHNICAL DATA

NOMINAL FLOW RATE (L/H.)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM X MM X MM)	FILTRATION AREA (MM 2)	CONSTANT K	EXPONENT* X
0.6	0.4 - 2.5	0.52 x 0.60 x 22	39	0.6	0
1.0	0.4 - 2.5	0.61 x 0.60 x 8	39	1.0	0
1.6	0.4 - 2.5	0.76 x 0.73 x 8	39	1.6	0
2.0	0.4 - 3.0	0.76 x 0.85 x 8	39	2.0	0
3.0	0.4 - 3.0	1.02 x 0.88 x 8	39	3.0	0
3.8	0.4 - 3.0	1.02 x 0.88 x 8	39	3.8	0

\* Within working pressure range

### DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM.)	WALL THICKNESS (MM.)	OUTSIDE DIAMETER (MM.)	MAX. WORKING PRESSURE (BAR)	KD
16390	14.10	1.00	16.10	2.5/3.0*	0.72
17390	15.20	1.00	17.20	2.5/3.0*	0.45
20390	17.45	1.00	19.45	2.5/3.0*	0.35

\* Maximum working pressure is defined by the dripper , not by the dripperline wall thickness



## DRIPNET PC™ 16390 - 17390 - 20390

### PERFORMANCE DATA

**DripNet PC™ 16390 - I.D. 14.1 mm. - Kd 0.72 - Inlet pressure 2.4 bar**

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	104	193	273	346	413	476	535	591	645	697
1.0	74	138	196	248	297	342	384	426	464	502
1.6	54	101	144	182	219	252	284	314	343	371
2.0	47	88	124	158	189	218	246	272	297	321
3.0	36	67	95	121	146	168	189	210	229	247
3.8	31	58	82	104	125	144	162	180	196	213

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

**DripNet PC™ 17390 - I.D. 15.2 mm. - Kd 0.45 - Inlet pressure 2.4 bar**

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	130	237	331	415	492	564	632	696	757	816
1.0	93	170	237	298	354	406	454	501	545	588
1.6	68	125	175	220	261	299	336	370	403	435
2.0	59	108	151	190	226	259	291	321	349	377
3.0	45	83	116	146	174	200	224	247	269	290
3.8	39	71	100	126	150	172	193	212	231	250

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

**DripNet PC™ 20390 - I.D. 17.45 mm. - Kd 0.35 - Inlet pressure 2.4 bar**

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	168	306	425	532	631	722	807	889	967	1041
1.0	120	219	305	382	453	519	581	640	696	750
1.6	88	161	225	282	335	383	429	473	515	554
2.0	76	139	194	244	290	332	372	410	446	480
3.0	58	107	149	188	223	256	286	316	344	370
3.8	50	92	128	161	192	220	246	271	295	318

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

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### PACKAGING DATA

DRIPNET PC™ ON BUNDLED COILS	WALL THICKNESS (MM.)	COIL LENGTH (METER)	DISTANCE BETWEEN DRIPPERS (METER)	AVERAGE COIL WEIGHT* (KG.)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (METERS)
16390	1.0	500	0.15 to 1.00	20.4	330	165000
17390	1.0	500	0.15 to 1.00	21.2	330	165000
20390	1.0	300	0.15 to 1.00	16.3	352	105600

\* According to drippers spacing. This dripperlines can also be ordered on multi-seasonal plastic coils





## DRIPNET PC™ 22250 - 22150 - 22135

### INTEGRAL PRESSURE COMPENSATED DRIPPERLINES

#### APPLICATIONS

- Row crop irrigation.

#### SPECIFICATIONS

- Working pressure, 0.4 to 2.5/3.0 bar (according to flow rate model & dripperlines wall-thickness).
- TurboNet™ labyrinth with large water passages.
- 6 different flow rates.
- To be "welded" into a thin/medium walled dripperlines (0.34 to 0.63 mm.)
- Injected dripper, very low CV.
- Injected silicon diaphragm.
- DripNet PC™ meet ISO 9261 standards and production is certified by the Israel Standards Institute (SII)

#### FEATURES AND BENEFITS

- PC system, patented pressure differential system, maintains uniform flow rate at different inlet working pressures (between 0.4 to 2.5/3.0 bar), ensuring exact distribution of the water and nutrients.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance. Wide cross-section allows large particles to pass through.
- Wide filtration area to ensure optimal performance even under harsh water conditions.
- Self-flushing system and wide filtration area provide improved resistance to clogging.

#### DRIPPERS TECHNICAL DATA

NOMINAL FLOW RATE (L/H.)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM X MM X MM)	FILTRATION AREA (MM 2)	CONSTANT K	EXPONENT* X
0.6	0.4 - 2.5	0.52 x 0.60 x 22	39	0.6	0
1.0	0.4 - 2.5	0.61 x 0.60 x 8	39	1.0	0
1.6	0.4 - 2.5	0.76 x 0.73 x 8	39	1.6	0
2.0	0.4 - 3.0	0.76 x 0.85 x 8	39	2.0	0
3.0	0.4 - 3.0	1.02 x 0.88 x 8	39	3.0	0
3.8	0.4 - 3.0	1.02 x 0.88 x 8	39	3.8	0

\* Within working pressure range

#### DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM.)	WALL THICKNESS (MM.)	OUTSIDE DIAMETER (MM.)	MAX. WORKING PRESSURE (BAR)	KD
22250	22.20	0.63	23.46	2.5	0.18
22150	22.20	0.38	22.96	1.2	0.18
22135	22.20	0.34	22.88	1.1	0.18

# DRIPNET PC™ 22250 - 22150 - 22135

## PERFORMANCE DATA

DripNet PC™ 22135 - I.D. 22.2 mm. - Kd 0.18 - Inlet pressure 1.1 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	193	341	467	578	680	774	862	946	1026	1102
1.0	138	245	336	416	490	557	622	682	740	795
1.6	102	181	248	307	362	412	459	504	547	588
2.0	88	156	215	266	314	357	398	437	474	510
3.0	67	120	165	205	242	275	307	337	365	393
3.8	58	103	142	176	208	236	264	290	314	338

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

DripNet PC™ 22150 - I.D. 22.2 mm. - Kd 0.18 - Inlet pressure 1.2 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	202	358	490	606	713	812	904	992	1076	1156
1.0	145	257	352	436	513	584	652	715	776	834
1.6	106	189	260	322	380	432	482	529	574	617
2.0	92	164	225	279	329	374	418	458	498	535
3.0	70	126	173	215	253	289	322	354	383	413
3.8	60	108	149	184	218	248	277	304	329	355

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

DripNet PC™ 22250 - I.D. 122.2 mm. - Kd 0.18 - Inlet pressure 2.4 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	277	493	676	839	988	1126	1254	1377	1494	1606
1.0	198	354	486	604	711	810	904	992	1076	1157
1.6	146	260	359	446	525	599	668	734	797	856
2.0	126	225	310	386	455	519	579	636	690	742
3.0	96	173	239	297	350	400	446	490	532	572
3.8	83	148	205	255	301	343	384	422	457	492

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

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## PACKAGING DATA

DRIPNET PC™ ON CARTON COILS	WALL THICKNESS (MM.)	COIL LENGTH (METER)	DISTANCE BETWEEN DRIPPERS (METER)	AVERAGE COIL WEIGHT* (KG.)	NUMBER OF COILS IN A PALLET (UNITS)	AVERAGE PALLET WEIGHT* (KG.)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (METERS)
22135	0.34	600	0.10 - 0.19	17.2	16	284	640	384000
		650	0.20 - 0.35	17.5	16	289	640	416000
		700	0.40 - 0.75	18.0	16	297	640	448000
22150	0.38	500	0.10 - 0.19	15.7	16	260	640	320000
		600	0.20 - 0.35	17.7	16	292	640	384000
		650	0.40 - 0.75	18.4	16	303	640	416000
22250	0.63	450	0.10 - 0.19	26.6	12	328	480	216000
		500	0.20 - 0.75	27.7	12	341	480	240000

\* According to drippers spacing. This dripperlines can also be ordered on multi-seasonal plastic coils



## DRIPNET PC™ 25250 - 25150 - 25135

### INTEGRAL PRESSURE COMPENSATED DRIPPERLINES

#### APPLICATIONS

- Row crop irrigation.

#### SPECIFICATIONS

- Working pressure, 0.4 to 2.5/3.0 bar (according to flow rate model & dripperlines wall-thickness).
- TurboNet™ labyrinth with large water passages.
- 6 different flow rates.
- To be "welded" into a thin/medium walled dripperlines (0.34 to 0.63 mm.)
- Injected dripper, very low CV.
- Injected silicon diaphragm.
- DripNet PC™ meet ISO 9261 standards and production is certified by the Israel Standards Institute (SII)

#### FEATURES AND BENEFITS

- PC system, patented pressure differential system, maintains uniform flow rate at different inlet working pressures (between 0.4 to 2.5/3.0 bar), ensuring exact distribution of the water and nutrients.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance. Wide cross-section allows large particles to pass through.
- Wide filtration area to ensure optimal performance even under harsh water conditions.
- Self-flushing system and wide filtration area provide improved resistance to clogging.

#### DRIPPERS TECHNICAL DATA

NOMINAL FLOW RATE (L/H.)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM X MM X MM)	FILTRATION AREA (MM 2)	CONSTANT K	EXPONENT* X
0.6	0.4 - 2.5	0.52 x 0.60 x 22	39	0.6	0
1.0	0.4 - 2.5	0.61 x 0.60 x 8	39	1.0	0
1.6	0.4 - 2.5	0.76 x 0.73 x 8	39	1.6	0
2.0	0.4 - 3.0	0.76 x 0.85 x 8	39	2.0	0
3.0	0.4 - 3.0	1.02 x 0.88 x 8	39	3.0	0
3.8	0.4 - 3.0	1.02 x 0.88 x 8	39	3.8	0

\* Within working pressure range

#### DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM.)	WALL THICKNESS (MM.)	OUTSIDE DIAMETER (MM.)	MAX. WORKING PRESSURE (BAR)	KD
25250	25.00	0.63	26.23	2.0	0.04
25150	25.00	0.38	25.76	1.1	0.04
25135	25.00	0.34	25.68	1.0	0.04

# DRIPNET PC™ 25250 - 25150 - 25135

## PERFORMANCE DATA

### DripNet PC™ 25135 - I.D. 25.0 mm. - Kd 0.04 - Inlet pressure 1.0 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	274	450	595	722	838	944	1045	1140	1231	1319
1.0	197	325	429	521	604	682	754	823	889	952
1.6	146	240	317	386	448	505	559	610	659	705
2.0	126	208	275	334	388	438	484	529	572	612
3.0	97	160	212	258	300	338	374	408	441	472
3.8	83	138	182	222	258	290	322	351	379	406

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

### DripNet PC™ 25150 - I.D. 25.0 mm. - Kd 0.04 - Inlet pressure 1.1 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	289	476	629	763	885	998	1105	1206	1301	1394
1.0	208	343	453	550	639	721	797	870	940	1006
1.6	154	254	335	408	473	533	591	645	696	746
2.0	133	220	291	353	410	463	512	559	604	647
3.0	102	169	224	272	317	357	396	432	466	499
3.8	88	145	193	234	272	307	340	371	401	430

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

### DripNet PC™ 25250 - I.D. 25.0 mm. - Kd 0.04 - Inlet pressure 2.0 bar

Maximum lateral length at defined inlet pressure

FLOW RATE (L/H.)	SPACING BETWEEN DRIPPERS (M.)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0.6	388	640	846	1027	1192	1345	1488	1625	1754	1879
1.0	279	461	610	741	860	970	1074	1172	1266	1356
1.6	206	341	451	548	637	719	795	869	938	1005
2.0	178	295	391	475	552	623	690	753	814	871
3.0	137	227	302	367	426	481	533	582	628	673
3.8	118	195	259	315	366	413	458	500	540	579

\*Calculated in a plain area \*\*Minimum considered pressure : 0.4 bar

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## PACKAGING DATA

DRIPNET PC™ ON CARTON COILS	WALL THICKNESS (MM.)	COIL LENGTH (METER)	DISTANCE BETWEEN DRIPPERS (METER)	AVERAGE COIL WEIGHT* (KG.)	NUMBER OF COILS IN A PALLET (UNITS)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (METERS)
25250	0.63	450	0.15	24.4	12	480	216000
	0.63	500	0.20 to 0.75	25.8	12	480	240000
25150	0.38	550	0.15	19.4	16	640	352000
	0.38	700	0.20 to 0.75	20.1	16	640	448000
25135	0.34	650	0.15	19.3	16	640	416000
	0.34	800	0.20 to 0.75	20.4	16	640	512000

\* According to drippers spacing. This dripperlines can also be ordered on multi-seasonal plastic coils