

DripNet PC™ AS 16390 17390 20390

For use in row crops

- Superior TurboNet™ flow regime
- Wide filtration area
- Highest resistance to clogging
- Wide cross-section allows large particles to pass through
- PC system, patented pressure differential system, maintains uniform flow rate at different inlet working pressures, ensuring exact distribution of water and fertilizers
- Anti-siphon system prevents dirt backflow into the dripperline



DripNet PC™ facets



Wide filtration area to ensure optimal performance even under harsh water conditions

Injected silicon diaphragm

PC system ensuring exact flow rate in all field conditions

Large, deep, short and wide cross-section improves clogging resistance



Injection molded dripper construction, ensuring uniform drippers and very low CV

Drippers technical data

Flow rate (l/h)	working pressure range (bar)	water passage dimensions width-depth-length (mm)	filtration area (mm ²)	constant K	exponent*
0.6	0.4 - 2.5	0.52 x 0.60 x 22.00	39	0.6	0
1.0	0.4 - 2.5	0.61 x 0.60 x 8.00	39	1.0	0
1.6	0.4 - 2.5	0.76 x 0.73 x 8.00	42	1.6	0
2.0	0.4 - 3.0	0.76 x 0.73 x 8.00	42	2.0	0
3.0	0.4 - 3.0	1.02 x 0.88 x 8.00	42	3.0	0
3.8	0.4 - 3.0	1.02 x 0.88 x 8.00	42	3.8	0

*Within working pressure range

Dripperlines technical data

Model	inside Ø (mm)	wall thickness (mm)	outside Ø (mm)	max. working pressure(bar)	KD
16390	14.10	1.00	16.10	3.00*	0.72
17390	15.20	1.00	17.20	3.00*	0.45
20390	17.45	1.00	19.45	3.00*	0.35

* max. working pressure is defined by the dripper ,not by the pipe wall thickness .

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Performance Data

DripNet PC™ AS 16390 • I.D. Ø 14.10 mm • Inlet pressure 2.5 bar

Max. lateral length (m) • spacing between drippers (m)

Flow rate (l/h.)	0.20	0.30	0.40	0.45	0.50	0.60	0.75	0.90	1.00	1.25	1.50
0.6	196	277	351	385	420	484	573	656	709	833	947
1.0	140	199	252	277	301	347	412	472	510	599	683
1.6	103	146	185	204	222	256	304	348	376	443	504
2.0	88	124	158	174	189	218	259	297	321	378	431
3.0	68	97	123	135	148	170	203	232	251	295	336
3.8	58	82	104	115	125	144	171	196	213	250	285

DripNet PC™ AS 17390 • I.D. Ø 15.20 mm • Inlet pressure 2.5 bar

Max. lateral length (m) • spacing between drippers (m)

Flow rate (l/h.)	0.20	0.30	0.40	0.45	0.50	0.60	0.75	0.90	1.00	1.25	1.50
0.6	241	336	422	462	501	574	675	770	829	970	1100
1.0	173	241	303	332	360	412	486	554	597	699	792
1.6	127	178	223	244	265	304	359	441	441	516	587
2.0	108	152	191	209	227	260	308	351	378	443	503
3.0	84	118	148	163	177	203	239	294	294	345	392
3.8	71	100	126	138	150	172	203	232	251	294	333

DripNet PC™ AS 20390 • I.D. Ø 17.45 mm • Inlet pressure 2.5 bar

Max. lateral length (m) • spacing between drippers (m)

Flow rate (l/h.)	0.20	0.30	0.40	0.45	0.50	0.60	0.75	0.90	1.00	1.25	1.50
0.6	311	432	541	592	641	734	863	983	1058	1235	1400
1.0	224	311	390	427	463	530	624	711	766	895	1014
1.6	164	230	288	315	342	391	461	525	566	661	750
2.0	139	194	244	267	290	332	391	446	480	561	638
3.0	109	152	190	209	226	259	306	348	376	440	498
3.8	92	128	161	176	192	220	259	295	318	373	423

Minimum pressure considered = 0.5 bar, calculated in a plain area.

For more information, please contact Netafim Technical Department or connect to our website at www.netafim.com

Packaging Data

DripNet PC™ AS on bundled coils**	Wall thickness (mm.)	Distance between drippers (meter)	Coil length (meter)	Average coil weight* (kg.)	Coils in a 40 feet container (units)	Total in a 40 feet container (meters)
16390	1.00	0.20 - 1.50	500	20.4	330	165000
17390	1.00	0.20 - 1.50	500	21.2	330	165000
20390	1.00	0.20 - 1.50	300	16.3	352	105600

* According to drippers spacing

**This dripperlines can also be ordered on carton or multi-seasonal plastic coils.

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