

PCJ

Compact Pressure Compensated Drippers

For irrigating greenhouses, nursery, orchards, deciduous plants and trees

- Unaffected by varying inlet pressure and field slopes
- Flow rate color coded
- Uniform, precise and consistent irrigation

Barb outlet
for micro
tube
3*5 mm

Barb outlet
for micro
tube
4*6.5 mm



PCJ dripper parts

PCJ DRIPPERS TECHNICAL DATA

Flow rate (l/h)	working pressure range (bar)	water passage dimensions width-depth-length (mm)	base color	cap color
1.2	0.5-4.0	0.67 x 0.77 x 35	brown	black
2.0	0.5-4.0	1.03 x 0.75 x 35	red	black
3.0	0.5-4.0	1.03 x 1.08 x 35	blue	black
4.0	0.5-4.0	1.32 x 0.95 x 35	gray	black
8.0	0.5-4.0	1.60 x 1.05 x 35	green	black
12.0	0.5-4.0	1.60 x 1.05 x 17.5	fuchsia	black

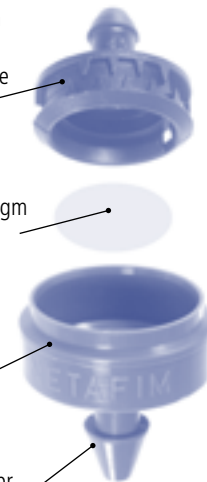
- When inserting drippers in tubes with 1.0 mm wall thickness, maximum recommended working pressure is 3.5 bar.
- When inserting drippers in tubes with 1.2 mm wall thickness, maximum recommended working pressure is 4.0 bar.

Large, wide and deep flow path cross-section to minimize clogging, ensuring exact flow rate in all conditions.

Injected silicon diaphragm ensuring long life

Resistant plastic material with UV protection for all weather conditions.

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



ON-LINE DRIPPERS

PCJ drippers • Tube 16/2.5* • I.D. Ø 13.60 mm • Inlet pressure 2.0 bar • Kd=0.39

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

Flow rate (l/h)	0.25	0.50	0.75	1.00	1.50	3.00	5.00
1.2	131	223	298	365	482	762	1065
2.0	94	160	215	263	347	549	770
3.0	72	123	165	202	267	426	595
4.0	60	102	137	168	222	354	495
8.0	38	66	88	108	143	228	315
12.0	30	51	68	84	111	177	250

PCJ drippers • Tube 20/2.5* • I.D. Ø 17.40 mm • Inlet pressure 2.0 bar • Kd=0.13

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

Flow rate (l/h)	0.25	0.50	0.75	1.00	1.50	3.00	5.00
1.2	220	360	474	574	750	1179	1635
2.0	158	259	341	414	542	849	1180
3.0	122	200	263	320	419	657	910
4.0	101	166	219	266	348	546	760
8.0	65	107	140	171	224	351	490
12.0	50	83	109	133	174	273	380




PCJ drippers • Tube 25/2.5* • I.D. Ø 22.20 mm • Inlet pressure 2.0 bar • Kd=0.10

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

Flow rate (l/h)	0.25	0.50	0.75	1.00	1.50	3.00	5.00
1.2	334	547	721	874	1142	1794	2490
2.0	268	417	539	648	839	1305	1805
3.0	207	322	416	500	648	1008	1395
4.0	172	268	347	416	539	840	1160
8.0	111	172	223	268	347	540	745
12.0	76	125	166	201	264	414	580

* 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

Dripper model		Nominal flow (l/h)	Catalog number	Quantity (units)	Dimensions (cm x cm x cm)	Weight (kg)
	PCJ barb with 3 mm barb outlet	1.2	21500-000800	13000	57 x 28 x 27	14.3
		2.0	21500-001000	13000	57 x 28 x 27	14.3
		3.0	21500-001150	13000	57 x 28 x 27	14.3
		4.0	21500-001200	13000	57 x 28 x 27	14.3
		8.0	21500-001400	13000	57 x 28 x 27	14.3
		12.0	21500-001470	13000	57 x 28 x 27	14.3
	PCJ barb with 4 mm barb outlet	1.2	21500-001600	13000	57 x 28 x 27	14.3
		2.0	21500-001700	13000	57 x 28 x 27	14.3
		3.0	21500-001900	13000	57 x 28 x 27	14.3
		4.0	21500-002100	13000	57 x 28 x 27	14.3
		8.0	21500-002300	13000	57 x 28 x 27	14.3
		12.0	21500-002400	13000	57 x 28 x 27	14.3
	PCJ barb with nipple outlet	1.2	21500-001050	13000	57 x 28 x 27	14.3
		2.0	21500-001100	13000	57 x 28 x 27	14.3
		3.0	21500-001160	13000	57 x 28 x 27	14.3
		4.0	21500-001300	13000	57 x 28 x 27	14.3
		8.0	21500-001500	13000	57 x 28 x 27	14.3
		12.0	21500-001560	13000	57 x 28 x 27	14.3

PERFORMANCE DATA

PACKAGING DATA

ON-LINE DRIPPERS

