



### **GFPC ONLINE PC DRIPPER ( 2 L/H & 4 L/H & 8 L/H)**

- Highly reliable dripper
- Unique and accurate regulating labyrinth mechanism
- Wide water passages along the labyrinth
- Self-flushing operation at the beginning and at the end of each irrigation cycle
- Compact multi-optional button dripper
- Accommodates 1, 2, and 4 outlet adapters
- Filtration system should be at least 120 mesh.

**GFPC 4.0 l/h - Max. Lateral Length (m) PE Pipe 16 mm, ID 13.8 mm, (Kd 0.41)**

Operating pressure h (bar)	Spacing between dripper (m)						
	0.20	0.25	0.30	0.40	0.50	0.75	1.00
1.0	27	32	37	46	55	74	93
1.5	41	49	56	70	84	115	143
2.0	49	59	68	84	100	137	171
2.5	55	66	75	94	112	153	191
3.0	60	71	82	102	122	167	208
3.5	64	76	87	109	130	178	222
4.0	67	80	92	115	137	188	234

Pressure head at the end of the lateral line: 0.8 bar

**GFPC 4.0 l/h - Max. Lateral Length (m) PE Pipe 20 mm, ID 17.4 mm, (Kd 0.21)**

Operating pressure h (bar)	Spacing between dripper (m)						
	0.20	0.25	0.30	0.40	0.50	0.75	1.00
1.0	40	48	55	68	82	111	139
1.5	62	73	84	105	125	171	213
2.0	74	88	101	126	150	204	255
2.5	82	98	113	141	168	229	286
3.0	90	107	122	153	182	248	310
3.5	96	114	131	163	194	266	331
4.0	101	120	138	172	205	280	350

Pressure head at the end of the lateral line: 0.8 bar

**GFPC 4L/H Pressure-Flow Rate Diagram**

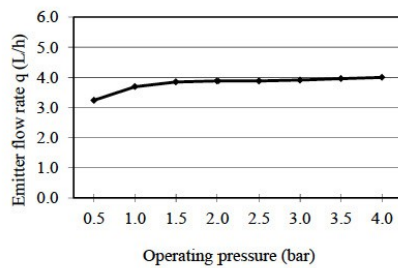


Figure 3. Pressure and flow rate relationship of GFPC type on-line dripper (nominal flow rate: 4 L/h, nominal pipe diameter: 16 mm)

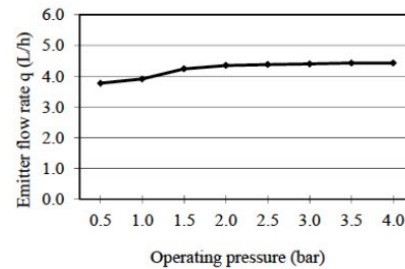


Figure 4. Pressure and flow rate relationship of GFPC type on-line dripper (nominal flow rate: 4 L/h, nominal pipe diameter: 20 mm)

**GFPC 8.0 l/h - Max. Lateral Length (m) PE Pipe 16 mm, ID 13.8 mm**

Operating pressure h (bar)	Spacing between dripper (m)						
	0.20	0.25	0.30	0.40	0.50	0.75	1.00
1.0	16	19	22	28	33	45	56
1.5	25	30	34	43	51	69	86
2.0	30	36	41	51	61	83	103
2.5	33	40	46	57	68	92	116
3.0	36	43	50	62	74	101	125
3.5	39	46	53	66	79	107	134
4.0	41	49	56	70	83	113	141

Pressure head at the end of the lateral line: 0.8 bar

**GFPC 8.0 l/h - Max. Lateral Length (m) PE Pipe 20 mm, ID 17.4 m**

Operating pressure h (bar)	Spacing between dripper (m)						
	0.20	0.25	0.30	0.40	0.50	0.75	1.00
1.0	25	30	34	42	51	69	86
1.5	39	46	53	66	78	107	133
2.0	46	55	63	79	94	128	160
2.5	52	62	71	89	106	145	181
3.0	57	68	78	97	116	158	197
3.5	61	72	83	104	124	169	211
4.0	64	77	88	110	131	179	223

Pressure head at the end of the lateral line: 0.8 bar

**GFPC 8L/H Pressure-Flow Rate Diagram**

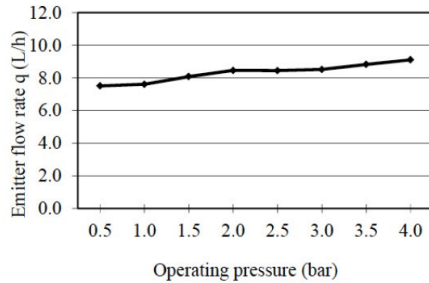


Figure 3. Pressure and flow rate relationship of GFPC type on line dripper (nominal flow rate: 8 L/h, nominal pipe diameter: 16 mm)

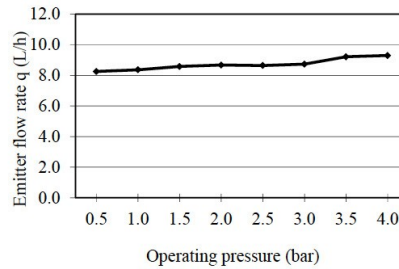


Figure 4. Pressure and flow rate relationship of GFPC type on line dripper (nominal flow rate: 8 L/h, nominal pipe diameter: 20 mm)