

**QUEEN GIL INTERNATIONAL<sup>®</sup>**



# Queen Gil Ideal Irrigation Tape

**Ø 16,5 mm**  
**Outlet spacing : 10 cm**  
**Flows : 2, 4, 8 l/h/m**

**Irrigation Tape available in**  
**150, 200, 250, 300 or 400 microns**

**Specifications :**

- Outlet spacing : 10 cm
- Filtration requirements : 125 microns (120 Mesh)
- Excellent manufacturing uniformity = 1,6%



**Queen Gil Tape ( dripper )**

**Hydraulic description :**

- Internal diameter : 16,5 mm
- Minimum operating pressure : 0,5 bar
- Ideal operating pressure : 0,8 bar
- Maximum operating pressure : 1,5 bar
- Burst pressure : 4,5 bar (> 200 µ)
- Flow rate for an outlet spacing of 10 cm :  
 2 l/h/m, 4 l/h/m or 8 l/h/m at 0,5 bar
- Emitter description : 22 inlets and 6 outlets  
 for a superior clogging resistance

**QUEEN GIL IDEAL-16,5 mm,**  
**FLOW 2 l/h/m**

Maximum run length in meters

Outlet spacing		10 cm				
Slope	E.U.	Inlet pressure-bar				
		0,55	0,70	0,83	1,05	
-2 %	90 %	250	240	235	220	
	85 %	270	260	255	257	
	80 %	290	300	295	280	
-1 %	90 %	230	220	217	215	
	85 %	240	250	245	255	
	80 %	210	259	262	270	
0 %	90 %	196	202	203	201	
	85 %	223	220	223	226	
	80 %	240	241	240	244	
+1 %	90 %	135	145	150	155	
	85 %	145	156	164	170	
	80 %	180	190	200	185	
+2 %	90 %	8,9	102	84	91	
	85 %	1,15	129	140	123	
	80 %	120	128	130	150	

**QUEEN GIL IDEAL-16,5 mm,**  
**FLOW 4 l/h/m**

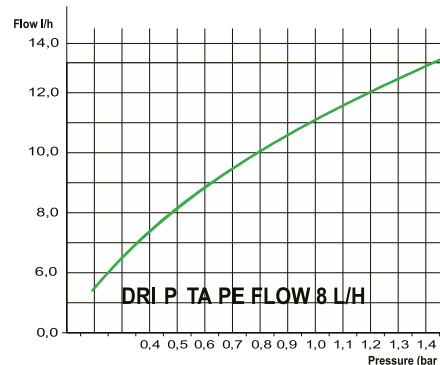
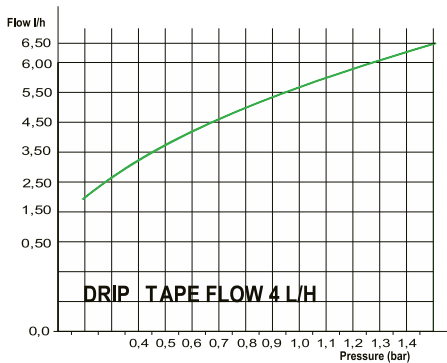
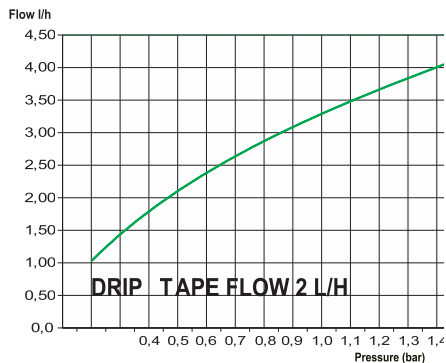
Maximum run length in meters

Outlet spacing		10 cm				
Slope	E.U.	Inlet pressure-bar				
		0,55	0,70	0,83	1,05	
-2 %	90 %	181	186	182	176	
	85 %	203	196	191	186	
	80 %	217	205	210	208	
-1 %	90 %	177	173	170	167	
	85 %	187	180	187	183	
	80 %	210	207	203	201	
0 %	90 %	138	142	146	150	
	85 %	158	161	165	169	
	80 %	179	180	179	181	
+1 %	90 %	9,8	9,5	100	105	
	85 %	103	110	115	121	
	80 %	124	112	117	125	
+2 %	90 %	5,5	6,3	4,5	5,0	
	85 %	6,7	7,6	8,3	7,2	
	80 %	6,6	7,7	8,5	9,4	

**QUEEN GIL IDEAL-16,5 mm,**  
**FLOW 8 l/h/m**

Maximum run length in meters

Outlet spacing		10 cm				
Slope	E.U.	Inlet pressure-bar				
		0,55	0,70	0,83	1,05	
-2 %	90 %	100	104	107	106	
	85 %	135	138	139	143	
	80 %	164	165	169	172	
-1 %	90 %	9,4	9,6	9,6	9,6	
	85 %	124	127	127	131	
	80 %	151	153	155	158	
0 %	90 %	7,8	8,0	8,1	8,5	
	85 %	103	105	111	11,5	
	80 %	125	130	133	138	
+1 %	90 %	5,0	5,5	5,8	6,2	
	85 %	7,5	8,2	8,7	9,5	
	80 %	9,2	10,2	11,0	12,0	
+2 %	90 %	3,5	3,6	4,2	4,4	
	85 %	5,5	6,3	7,0	7,7	
	80 %	7,1	8,2	9,1	10,0	



◆ Due to continuous improvement of the products, features of the Queen Gil Drip Tape may be eventually modified.

# Queen Gil Ideal Irrigation Tape

**Ø 22,5 mm**  
**Outlet spacing : 10 cm**  
**Flows : 2, 4, 8 l/h/m**

**Irrigation Tape available in 200, 250 or 300 microns**

**Specifications :**

- Wall thickness : 200, 250 and 300 microns
- Outlet spacing : 10 cm
- Filtration requirements : 125 microns (120 Mesh)
- Excellent manufacturing uniformity = 1,6 %



**Queen Gil Tape ( dripper )**

**Hydraulic description :**

- Internal diameter : 22,5 mm
- Minimum operating pressure : 0,5 bar
- Ideal operating pressure : 0,8 bar
- Maximum operating pressure : 1,5 bar
- Burst pressure : 4,5 bar
- Flow rate for an outlet spacing of 10 cm : 2 l/h/m, 4 l/h/m or 8 l/h/m at 0,5 bar
- Emitter description : 22 inlets and 6 outlets for a superior clogging resistance

**QUEEN GIL IDEAL-22,5 mm, FLOW 2 l/h/m**

Maximum run length in meters

Outlet spacing	10 cm				
	Slope	Inlet pressure-bar			
	E.U.	0,55	0,70	0,83	1,05
-2 %	90 %	520	538	546	556
	85 %	544	563	571	580
80 %	545	560	572	583	
	-1 %	90 %	464	480	487
85 %	480	495	504	510	
	80 %	490	507	515	521
0 %	90 %	415	430	436	442
	85 %	455	470	475	483
80 %	480	495	503	514	
	+1 %	90 %	290	300	305
85 %	325	336	341	345	
	80 %	330	342	345	353
+2 %	90 %	208	215	218	222
	85 %	225	233	236	241
80 %	251	260	264	269	

**QUEEN GIL IDEAL-22,5 mm, FLOW 4 l/h/m**

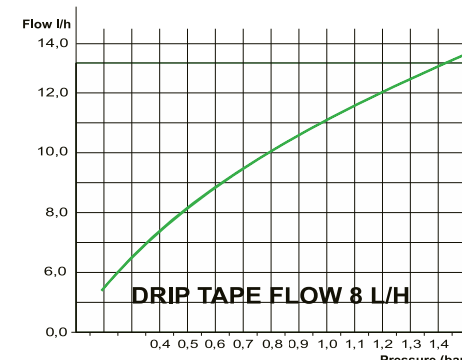
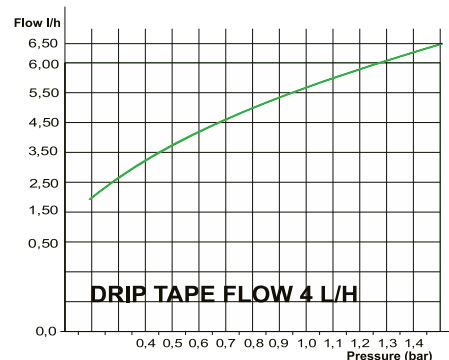
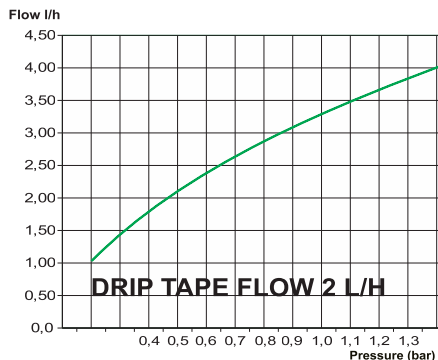
Maximum run length in meters

Outlet spacing	10 cm				
	Slope	Inlet pressure-bar			
	E.U.	0,55	0,70	0,83	1,05
-2 %	90 %	304	315	319	325
	85 %	328	339	319	325
80 %	344	356	361	368	
	-1 %	90 %	272	282	286
85 %	296	306	311	317	
	80 %	320	331	336	342
0 %	90 %	249	258	261	266
	85 %	274	283	288	293
80 %	291	301	305	311	
	+1 %	90 %	216	223	227
85 %	224	232	235	240	
	80 %	249	258	261	266
+2 %	90 %	133	137	139	142
	85 %	183	189	192	195
80 %	191	198	201	204	

**QUEEN GIL IDEAL - 22,5 mm, FLOW 8 l/h/m**

Maximum run length in meters

Outlet spacing	10 cm				
	Slope	Inlet pressure-bar			
	E.U.	0,55	0,70	0,83	1,05
-2 %	90 %	171	177	183	181
	85 %	230	236	237	246
80 %	280	282	289	294	
	-1 %	90 %	165	164	164
85 %	212	217	217	224	
	80 %	258	261	265	270
0 %	90 %	133	137	139	145
	85 %	176	170	190	198
80 %	214	180	227	239	
	+1 %	90 %	86	94	99
85 %	77	140	149	162	
	80 %	157	175	188	205
+2 %	90 %	60	62	72	75
	85 %	94	108	120	132
80 %	122	140	156	171	



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## Queen Gil Irrigation Tape Standard

Irrigation Tape available in 150, 200, 250 or 300 microns wall thickness

**Ø 16,5 mm**  
**Outlet spacing : 20 cm**  
**Flows: 1 l/h/m or 5 l/h/m**

### Specifications :

- Outlet spacing : 20 cm
- Filtration requirements : 125 microns (120 Mesh)
- Excellent manufacturing uniformity = 1,6 %



Queen Gil Tape ( dripper )

### Hydraulic description :

- Internal diameter : 16,5 mm
- Minimum operating pressure : 0,5 bar
- Ideal operating pressure : 0,8 bar
- Maximum operating pressure : 1,5 bar
- Burst pressure : 4,5 bar (> 200 µ)
- Flow rate for an outlet spacing of 20 cm : 1 l/h/m or 5 l/h/m at 0,5 bar
- Emitter description : 4 inlets and 6 outlets for a superior clogging resistance

### QUEEN GIL-16,5 mm, FLOW 1 l/h/m

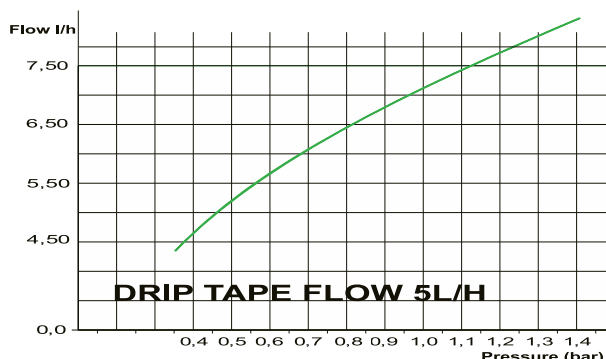
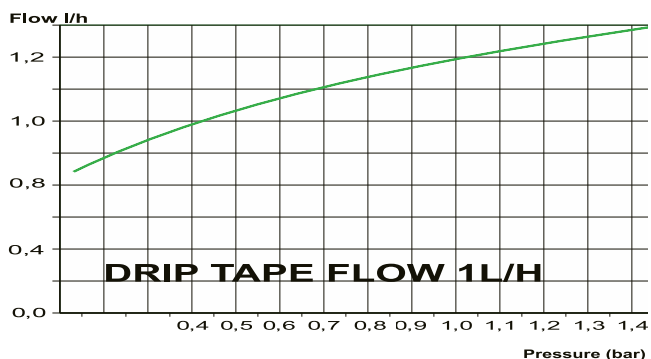
Maximum run length in meters

Outlet spacing		20 cm				
Slope		Inlet pressure-bar				
	E.U.	0,55	0,70	0,83	1,05	
-2 %	90 %	240	278	270	261	
	85 %	333	317	308	300	
	80 %	380	367	350	330	
-1 %	90 %	259	249	245	240	
	85 %	298	287	288	290	
	80 %	331	321	316	311	
0 %	90 %	236	240	248	240	
	85 %	280	282	283	284	
	80 %	316	320	321	320	
+1 %	90 %	158	180	150	189	
	85 %	201	224	234	244	
	80 %	237	261	271	281	
+2 %	90 %	106	135	148	164	
	85 %	145	176	192	208	
	80 %	177	212	228	245	

### QUEEN GIL-16,5 mm, FLOW 5 l/h/m

Maximum run length in meters

Outlet spacing		20 cm				
Slope		Inlet pressure-bar				
	E.U.	0,55	0,70	0,83	1,05	
-2 %	90 %	168	170	170	171	
	85 %	205	208	208	208	
	80 %	240	237	237	241	
-1 %	90 %	158	162	163	165	
	85 %	195	196	195	196	
	80 %	225	225	227	230	
0 %	90 %	128	130	132	133	
	85 %	159	165	168	172	
	80 %	182	189	192	196	
+1 %	90 %	82	90	97	105	
	85 %	115	125	131	140	
	80 %	130	145	155	168	
+2 %	90 %	60	64	70	81	
	85 %	85	95	103	115	
	80 %	100	115	125	140	



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## Queen Gil Irrigation Tape Standard

Irrigation Tape available in 150, 200, 250, 300 or 400 microns wall thickness

**Ø 16,5 mm**  
**Outlet spacing : 30 cm**  
**Flows: 4 l/h/m or 8 l/h/m**

### Specifications :

- Outlet spacing : 30 cm
- Filtration requirements : 125 microns (120 Mesh)
- Excellent manufacturing uniformity = 1,6 %



Queen Gil Tape ( Standard dripper )

### Hydraulic description :

- Internal diameter : 16,5 mm
- Minimum operating pressure : 0,5 bar
- Ideal operating pressure : 0,8 bar
- Maximum operating pressure : 1,5 bar
- Burst pressure : 4,5 bar (> 200 µ)
- Flow rate for an outlet spacing of 30 cm : 4 l/h/m at 0,5 bar and 8 l/h/m
- Emitter description : 4 inlets and 6 outlets for a superior clogging resistance

### QUEEN GIL STANDARD-16,5 mm FLOW 4 l/h/m

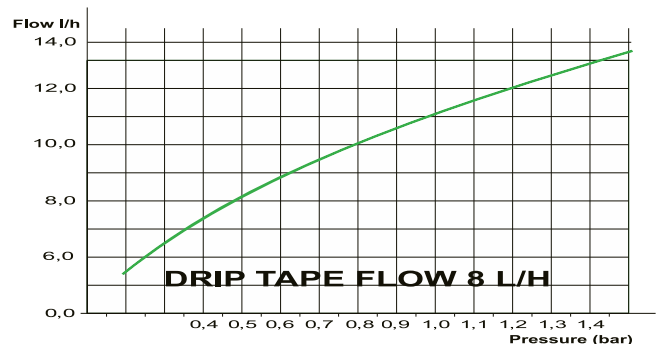
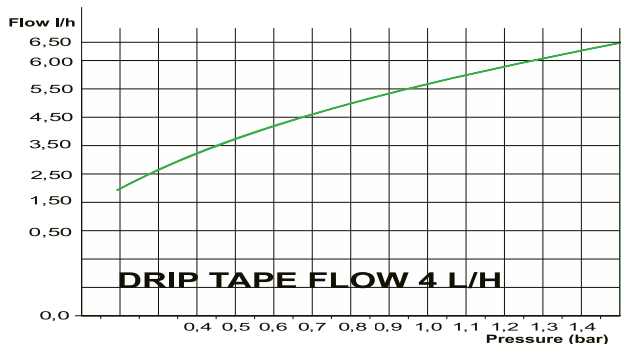
Maximum run length in meters

Outlet spacing		30 cm			
Slope	E.U.	Inlet pressure-bar			
		0,55	0,70	0,83	1,05
-2 %	90 %	186	191	187	181
	85 %	218	211	206	201
	80 %	237	230	225	221
-1 %	90 %	177	173	170	167
	85 %	187	190	197	193
	80 %	215	211	208	206
0 %	90 %	145	147	147	148
	85 %	167	165	167	169
	80 %	184	185	184	186
+1 %	90 %	78	95	100	105
	85 %	108	115	120	126
	80 %	124	132	137	125
+2 %	90 %	65	73	55	60
	85 %	82	91	98	87
	80 %	96	107	115	120

### QUEEN GIL STANDARD-16,5 mm FLOW 8 l/h/m

Maximum run length in meters

Outlet spacing		30 cm			
Slope	E.U.	Inlet pressure-bar r			
		0,55	0,70	0,83	1,05
-2 %	90 %	100	104	107	106
	85 %	135	138	139	143
	80 %	164	165	169	172
-1 %	90 %	94	96	96	96
	85 %	124	127	127	131
	80 %	151	153	155	158
0 %	90 %	78	80	81	85
	85 %	103	105	111	115
	80 %	125	130	133	138
+1 %	90 %	50	55	58	62
	85 %	75	82	87	95
	80 %	92	102	110	120
+2 %	90 %	35	36	42	44
	85 %	55	63	70	77
	80 %	71	82	91	100



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