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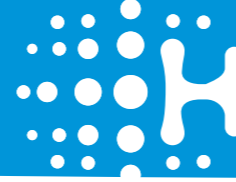
- A wide range of products and solutions for professional irrigation
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- Do-it-yourself tips and tricks
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Irriway
DATASHEET | **2016.04**



IRRIWAY

Thin-walled dripperline

Drip tape with very short spacing of drippers, suitable for low flow rate irrigation and draining soils.



Technical features:

- High performing polyethylene construction, for increased mechanical and drilling resistance.
- Easy installation with double blue lines identifying the dripping side.
- Laser-cut emitters, for high resistance to clogging and root intrusion.
- Turbulent flow labyrinth membrane avoiding clogging.
- Recommended filtration 155 mesh for all flows and drippers' spacing.

Pressure / flow rate balance in bars

Model	0,25 bar	0,40 bar	0,55 bar	0,70 bar	0,85 bar	1,00 bar
0,60	0,37	0,46	0,54	0,60	0,66	0,71
0,90	0,55	0,69	0,80	0,90	1,00	1,07
1,20	0,75	0,92	1,07	1,20	1,32	1,41

Flow rate liters per hour / for each meter

Recommended filtration range: 120 mesh standard / 155 mesh on demand

Model / bar	Spacing cm									
	10		15		20		30		40	
	0,55	0,7	0,55	0,7	0,55	0,7	0,55	0,7	0,55	0,7
0,60	-	-	-	-	2,7	3,0	1,8	2,0	1,4	1,5
0,90	8,0	9,0	5,3	6,0	4,0	4,5	2,7	3,0	2,0	2,3
1,20	10,7	12,0	7,1	8,0	5,3	6,0	3,5	4,0	2,7	3,0

PE pipe features

Nominal Ø	Ø interno	Pipe thickness		Pressure in bars		
		mm	mil	recommand.	min.	max.
16	16,10	0,125	5	0,5	0,3	0,6
		0,150	6	0,6	0,3	0,7
		0,200	8	0,7	0,3	1,0
		0,250	10	0,7	0,3	1,0
22	22,30	0,200	8	0,7	0,3	0,7
		0,250	10	0,7	0,3	1,0

Packaging

	Thickness	Reel length	Reels per pallet	Reels per container	
				20"	40"
16 mm	5 MIL	3.962	16	320	640
	6 MIL	3.050	20		
	8 MIL	2.300	20		
	10 MIL	1.830	20		
22 mm	8 MIL	1.830	16		
	10 MIL	1.340	16		

Dripperline length and related dripping uniformity of IRRIWAY 16 mm

Working pressure 0,7 bar													
Slope	-2 %		-1 %		0		1 %		2 %		3 %		
	85	90	85	90	85	90	85	90	85	90	85	90	
0,60	20 cm	132	98	172	133	220	178	252	212	256	235	259	249
	30 cm	146	107	206	156	285	230	329	286	337	313	341	139
	40 cm	155	112	231	175	343	277	400	348	410	388	411	112
0,90	10 cm	88	68	100	79	113	91	124	102	130	110	131	115
	15 cm	103	79	123	96	143	116	159	130	166	144	170	152
	20 cm	118	89	145	113	176	142	201	165	205	180	208	194
1,20	30 cm	132	98	174	134	224	181	262	218	269	238	271	254
	40 cm	145	106	201	154	274	221	323	272	328	300	332	165
	10 cm	75	59	84	67	91	75	100	81	107	88	112	92
1,20	15 cm	95	74	110	87	125	101	138	114	146	123	148	130
	20 cm	106	82	126	100	144	117	165	136	173	143	177	155
	30 cm	122	92	153	120	189	153	219	180	225	195	230	208
1,20	40 cm	138	104	179	140	229	185	265	219	274	243	280	260

Dripperline length and related dripping uniformity of IRRIWAY 22 mm

Working pressure 0,7 bar													
Slope	-2 %		-1 %		0		1 %		2 %		3 %		
	85	90	85	90	85	90	85	90	85	90	85	90	
0,60	20 cm	159	114	247	185	386	312	440	401	447	443	253	107
	30 cm	166	118	279	206	500	404	576	539	584	170	174	102
	40 cm	169	120	298	217	600	484	695	663	331	159	165	100
0,90	10 cm	125	94	159	124	199	160	223	187	226	208	227	222
	15 cm	140	103	189	146	253	204	286	245	290	272	293	288
	20 cm	151	110	217	166	309	249	353	311	358	345	359	121
1,20	30 cm	159	114	248	185	391	316	458	414	463	457	206	103
	40 cm	166	118	275	203	480	388	561	519	570	176	178	103
	10 cm	112	85	136	106	162	131	182	150	185	166	187	171
1,20	15 cm	133	100	173	134	219	177	249	210	256	232	255	245
	20 cm	146	109	196	152	257	208	296	254	300	280	304	295
	30 cm	153	111	227	172	332	268	383	342	389	379	392	113
1,20	40 cm	169	123	259	196	400	324	468	420	480	468	487	121