

# Hydrogol Multi-season integral drip line



Hydrogol is an integral drip line manufactured in various diameters, wall thicknesses, flow rates, and dripper spacings. The Hydrogol drip line utilizes a cylindrical dripper, designed with a large cross-sectional labyrinth. This configuration provides a turbulent water flow which minimizes the formation of residues that may cause clogging.

Hydrogol drip lines are manufactured with two outlets and two inlet filters which ensure high resistance to clogging and reliable long life performance.

Hydrogol is a durable thick-walled drip line, ideal for field crops, orchards and greenhouses.

# Hydrogol Multi-season integral drip line

Two large surface inlet filters

Outstanding clogging resistance for all flow rates

Constant inside diameter regardless of drip line wall thickness

Manufactured from superior durable materials ensuring longevity

Protected against UV degradation

Resistant to chemicals and fertilizers commonly used in agriculture

8 mm drip lines also available, in green or brown

Applications: Field crops, fruit orchards and greenhouses, at any required dripper spacing from 15 cm



## Hydrogol - Maximum recommended drip line length (m) on flat terrain

Color & l/h	Diameter (mm)/ Wall thick. (mil)	Nominal flow rate (l/h)*	Inside diameter (mm)	Wall thickness (mil) (mm)		Flow variation 5%					EU 90% **				
						Spacing between drippers (cm)					Spacing between drippers (cm)				
						20	30	50	75	100	20	30	50	75	100
Gray 1,0	12/35	0,95	10,4	35	0,89	44	61	91	122	150	54	75	112	151	184
	12/40	0,90	10,4	40	1,01	45	62	93	125	153	55	77	114	153	188
Black 2,0	12/35	2,15	10,4	35	0,89	25	34	51	69	85	31	44	65	88	108
	12/40	2,10	10,4	40	1,01	26	36	54	73	90	32	45	67	89	110
Gray 1,0	16/35	1,05	13,8	35	0,89	70	96	141	188	230	86	118	174	232	283
	16/40	1,00	13,8	40	1,01	72	100	146	196	239	89	123	180	241	294
	16/45	1,00	13,8	45	1,14	73	100	147	197	240	90	124	182	242	296
Violet 1,6	16/35	1,80	13,8	35	0,89	49	68	101	134	164	61	84	124	165	202
	16/40	1,60	13,8	40	1,01	53	73	108	144	176	65	90	133	178	217
	16/45	1,50	13,8	45	1,14	55	76	112	150	183	68	94	138	185	225
Black 2,0	16/35	2,20	13,8	35	0,89	41	57	84	112	137	53	73	107	143	175
	16/40	2,05	13,8	40	1,01	45	62	92	123	150	56	77	113	151	184
	16/45	2,00	13,8	45	1,14	47	65	95	127	155	57	80	117	156	191
White 4,0	16/35	4,10	13,8	35	0,89	29	40	58	78	95	35	49	72	96	117
	16/40	3,90	13,8	40	1,01	30	41	61	81	99	37	51	75	100	122
	16/45	3,80	13,8	45	1,14	31	43	63	84	103	38	53	77	104	126
Blue 8,0	16/35	8,00	13,8	35	0,89	18	25	37	50	61	23	32	47	63	77
	16/45	7,90	13,8	45	1,14	18	25	37	50	61	23	32	47	63	77
Gray 1,2	20/40	1,20	17,6	40	1,01	98	133	194	257	312	126	173	251	332	404
	20/45	1,15	17,6	45	1,14	100	136	198	262	319	129	176	256	339	413
Black 2,0	20/40	2,25	17,6	40	1,01	63	86	126	167	203	83	113	165	219	267
	20/45	2,15	17,6	45	1,14	67	92	133	177	216	86	118	172	227	277
White 4,0	20/40	4,00	17,6	40	1,01	45	62	90	120	146	58	79	115	153	186
	20/45	3,90	17,6	45	1,14	45	62	91	120	146	58	79	116	154	187

\* At 1,0 bar pressure

\*\* Pressure at drip line inlet: 1,2 bar