

Hydrogol

Multi-season integral drip line



Operating guidelines

Nominal pressure: 1 bar

Recommended pressure: 0,8-1,4 bar

For landscape and gardening -
HydroBloom Brown or Green

Product information

Spacing: from 15 cm

Outlet: 2 holes

Nominal Diameter: 8, 12, 16, 20 mm

Wall thickness:

25, 30, 35, 40, 45, 47 mil

Drip line diameter / Roll length:

8 mm: 25, 1000 m

12 mm: 600 m,

16 mm: 400 m

20 mm: 300 m

Application: Field crops, orchards,
greenhouses, mining, landscape, at any
required dripper spacing from 15 cm.

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 Multi-season integral drip line

Main Features

- 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



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

Drip Line	Flow Variation 10%					EU 90% **				
	Spacing between drippers (cm)					Spacing between drippers (cm)				
	20	30	50	75	100	20	30	50	75	100
8/32/1,2	-	-	-	-	-	17	24	-	-	-
12/35/1,0	17	24	91	122	150	58	80	119	161	196
12/40/1,0	45	62	93	125	153	59	82	121	163	200
12/35/2,0	24	34	51	68	84	33	47	70	94	115
12/40/2,0	26	36	54	73	90	34	48	71	95	117
16/35/1,0	70	96	141	188	230	91	126	185	247	301
16/40/1,0	72	100	146	196	239	95	131	192	257	313
16/45/1,0	73	100	147	197	240	96	132	193	258	315
16/35/1,6	49	68	101	134	164	65	90	132	176	215
16/40/1,6	53	73	108	144	176	70	96	142	189	231
16/45/1,6	55	76	112	150	183	72	100	147	197	240
16/35/2,0	43	59	87	116	142	56	77	114	152	186
16/40/2,0	45	62	92	123	150	59	82	120	161	196
16/45/2,0	47	65	95	127	155	61	84	124	166	203
16/35/4,0	29	40	58	78	95	37	52	76	102	125
16/40/4,0	30	41	61	81	99	39	54	80	107	130
16/45/4,0	31	43	63	84	103	40	56	82	110	135
16/45/8,0	19	26	38	51	62	24	34	50	67	82
20/40/1,2	98	133	194	257	312	134	184	267	354	430
20/45/1,2	100	136	198	262	319	137	187	272	361	439
20/40/2,0	63	86	126	167	203	88	121	176	233	284
20/45/2,0	67	92	133	177	216	92	125	183	242	295
20/40/4,0	45	62	90	120	146	58	79	115	153	186
20/45/4,0	45	62	91	120	146	58	79	116	154	187

Hydrogol - Technical data

Drip Line	Flow Rate (l/h)*	Wall Thickness		Diam. (mm)	ID (mm)	Max Pressure (bar)
		(mil)	(mm)			
8/32/1,2	1,23	32	0,80	8	6,4	2,0
12/25/1,0	0,98	25	0,60	12	10,4	2,5
12/35/1,0	0,93	35	0,90			3,0
12/40/1,0	0,90	40	1,00			3,0
12/25/2,0	2,20	25	0,60			2,5
12/35/2,0	2,16	35	0,90			3,0
12/40/2,0	2,08	40	1,00			3,0
16/25/1,0	1,22	25	0,60	16	13,8	2,5
16/30/1,0	1,09	30	0,76			2,5
16/35/1,0	1,06	35	0,90			3,0
16/40/1,0	1,01	40	1,00			3,0
16/45/1,0	0,98	45	1,10			3,5
16/25/1,6	1,90	25	0,60			2,5
16/30/1,6	1,85	30	0,76			2,5
16/35/1,6	1,78	35	0,90			3,0
16/40/1,6	1,60	40	1,00			3,0
16/45/1,6	1,52	45	1,10			3,5
16/25/2,0	2,24	25	0,60			2,5
16/30/2,0	2,20	30	0,76			2,5
16/35/2,0	2,19	35	0,90	3,0		
16/40/2,0	2,06	40	1,00	3,0		
16/45/2,0	2,00	45	1,10	3,5		
16/25/4,0	4,39	25	0,60	2,5		
16/30/4,0	4,25	30	0,76	2,5		
16/35/4,0	4,11	35	0,90	3,0		
16/40/4,0	3,92	40	1,00	3,0		
16/45/4,0	3,78	45	1,10	3,5		
16/40/8,0	7,92	40	1,00	3,0		
16/45/8,0	7,93	45	1,10	3,5		
20/40/1,2	1,20	40	1,00	20	17,6	3,0
20/45/1,2	1,17	45	1,10			3,5
20/40/2,0	2,24	40	1,00			3,0
20/45/2,0	2,15	45	1,10			3,5
20/40/4,0	3,96	40	1,00			3,0
20/45/4,0	3,91	45	1,10			3,5
20/47/4,0	3,78	47	1,20			3,5

* At 1,0 bar pressure

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