

DUALDRIP®

bilateral tb dripline

TWO DROPS DOUBLE ADVANTAGES

International Patent



Product Certification
BUREAU VERITAS
Certification
N. 1302/001



Product description

The **DualDrip®** is the dripline in polyethylene, characterized by a flat, self-cleaning turbulent flow dripper, the original because it is the first in the world with a double dispensing tray.

DualDrip® with its special double delivery, increases the homogeneity of the irrigated area and reduces the risk of occlusion.

DualDrip® is also a complete and highly versatile product thanks to its wide range of diameters, thicknesses and flow rates it adapts to any irrigation requirement of seasonal to multi-seasonal crops in thicknesses greater than 18mil.

Recommended applications

Surface application is recommended, on level ground where pressure compensation is not required.



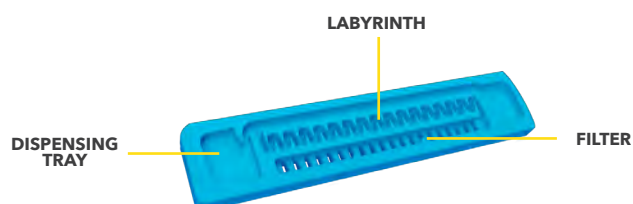
Crops

DualDrip® is suitable for open field or greenhouse applications in seasonal horticulture or floriculture crops such as onion, garlic, celery, carrot, tomato, strawberry, asparagus, melon, watermelon, potato, cucumber, courgette, aubergine, pepper and more.

Product range

DIAMETER Ø - mm	16	22	25	29
THICKNESS mil	6 - 7 - 8 - 10 - 12 - 15 18 - 24 - 35 - 40	8 - 10 - 12 - 15	10 - 12 - 15	10 - 12
THICKNESS mm	0.15 - 0.18 - 0.20 0.25 - 0.30 - 0.38 0.45 - 0.60 - 0.89 - 1.02	0.20 - 0.25 0.30 - 0.38	0.25 - 0.30 - 0.38	0.25 - 0.30
FLOW RATE l/h 1 bar	1,2 - 1,6 - 2,2 - 2,4 - 4,0			
SPACING cm	15 - 20 - 23 - 25 - 30 - 33 - 40 - 50 - 60 - 70 - 80 - 100 - 120 - 150			

Table in nominal values



Dripper features

- Flat dripper;
- Turbulent flow;
- Labyrinth design with self-cleaning effect;
- Integrated filter reduces the passage of impurities;
- Low sensitivity to pressure;
- Low coefficient of technological variation;
- Protected by international patent.

Additional features of **DualDrip®**:

- Greater turbulence with self-cleaning action;
- Increased filtration area;
- Lower risk of occlusion;
- Lower sensitivity to pressure;
- Excellent coefficient of variation;
- Easy installation with improved perimeter geometry.

Advantages

- Less risk of blockage: the double hole ensures that the dispensing proceeds even if one of the two holes becomes blocked;
- Increase of the irrigated surface and greater homogeneity;
- Less water dispersion in the presence of sandy soil;
- Reduction of percolation on the pipe thanks to the two holes;
- Excellent emission uniformity along the entire length of the line;
- Complete emptying at the end of the irrigation cycle;
- High resistance to UV rays and fertilizers used in agriculture;
- Ease of application thanks to the double continuous strip, emitter side;
- Very little maintenance required.

Maximum length of recommended lines, in metres, with emission uniformity (E.U.) of 85%

Nominal Diameter Ø 12 mm

 FLOW RATE	 SPACING cm												 SLOPE
	15	20	25	30	33	40	50	60	75	80	90	100	
1,2	93	116	140	162	177	206	247	289	346	366	406	445	-1
	84	104	123	140	150	170	199	225	262	274	296	318	0
	76	93	106	117	123	135	151	163	178	181	186	191	+1
1,6	67	83	100	116	126	148	177	207	248	263	291	319	-1
	60	75	88	100	107	122	143	161	188	196	213	228	0
	54	66	76	84	88	96	108	116	128	129	134	137	+1
2,2	60	75	90	104	114	133	159	186	222	236	261	287	-1
	54	67	79	89	96	110	128	145	168	176	190	205	0
	49	60	68	75	79	87	98	104	114	116	120	123	+1
4,0	36	45	54	63	68	80	95	112	134	142	157	172	-1
	32	40	47	54	57	66	77	88	102	106	114	123	0
	29	36	41	45	47	52	59	63	69	70	72	74	+1

The values of the lines in meters are indicative

Nominal Diameter Ø 16 mm

 FLOW RATE	 SPACING cm												 SLOPE
	15	20	25	30	33	40	50	60	75	80	90	100	
1,2	110	137	165	191	209	244	292	341	409	433	480	526	-1
	100	123	145	165	177	201	235	266	310	323	350	375	0
	90	110	124	139	145	159	179	192	210	213	221	225	+1
1,6	89	110	134	154	168	197	236	276	331	350	388	425	-1
	81	99	117	133	143	163	190	215	251	262	283	304	0
	73	89	101	112	117	129	145	155	170	173	179	182	+1
2,2	80	100	120	138	151	177	212	247	296	314	348	382	-1
	72	90	105	119	128	147	171	193	224	235	254	273	0
	65	80	91	100	105	116	130	139	153	155	160	164	+1
4,0	47	59	72	84	90	106	127	149	179	189	209	229	-1
	43	54	63	72	77	88	103	117	135	141	152	164	0
	39	48	54	61	63	69	78	84	92	93	96	98	+1

Nominal Diameter Ø 22 mm

 FLOW RATE	 SPACING cm												 SLOPE
	15	20	25	30	33	40	50	60	75	80	90	100	
1,2	182	229	279	324	352	415	498	583	701	743	824	903	-1
	166	206	244	279	299	343	402	456	531	555	601	645	0
	149	184	210	234	245	271	305	328	361	366	379	387	+1
1,6	147	185	225	262	285	335	403	471	566	601	666	731	-1
	134	167	197	226	242	277	325	368	429	449	486	522	0
	121	148	170	189	198	219	247	265	292	296	306	313	+1
2,2	132	167	202	235	256	302	361	423	509	540	599	657	-1
	120	150	177	202	217	249	291	331	386	403	437	469	0
	108	134	152	170	178	197	221	238	262	266	275	281	+1
4,0	79	100	121	142	154	181	218	256	306	325	360	395	-1
	72	90	106	122	130	150	176	200	232	242	263	282	0
	65	80	91	102	107	118	133	144	158	160	165	169	+1

The values of the lines in meters are indicative

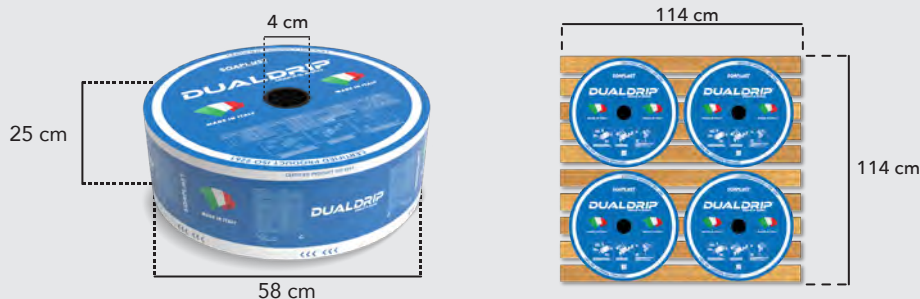
Nominal Diameter Ø 25 mm

 FLOW RATE	 SPACING cm												 SLOPE
	15	20	25	30	33	40	50	60	75	80	90	100	
1,2	220	277	337	392	428	504	606	710	855	907	1006	1103	-1
	200	249	296	338	363	417	489	555	648	677	734	788	0
	180	222	255	284	297	329	371	399	440	446	462	473	+1
1,6	177	224	272	317	346	407	490	574	691	733	813	892	-1
	161	202	239	273	294	337	395	449	524	547	594	637	0
	145	180	205	230	241	266	301	323	356	361	374	382	+1
2,2	159	200	244	285	310	366	440	516	620	659	729	802	-1
	145	180	214	246	263	302	355	403	470	492	532	573	0
	130	161	184	206	216	239	269	290	320	325	335	344	+1
4,0	96	121	147	171	187	220	265	310	373	397	439	482	-1
	87	109	129	147	158	181	213	242	283	296	321	344	0
	78	97	111	124	130	143	162	175	192	195	202	207	+1

Nominal Diameter Ø 29 mm

 FLOW RATE	 SPACING cm												 SLOPE
	15	20	25	30	33	40	50	60	75	80	90	100	
1,2	269	341	415	485	529	624	752	882	1064	1129	1251	1375	-1
	244	307	364	418	448	516	606	689	806	842	913	982	0
	220	273	313	351	368	408	461	496	548	556	575	589	+1
1,6	217	276	336	391	428	505	608	714	860	913	1012	1112	-1
	197	248	294	337	363	417	490	557	651	681	738	794	0
	178	221	253	283	297	330	373	401	443	450	465	476	+1
2,2	194	247	301	352	384	453	545	640	772	820	909	998	-1
	177	223	264	303	325	375	440	500	584	612	663	713	0
	159	198	227	255	267	296	334	360	397	404	418	428	+1
4,0	117	149	181	211	231	273	328	385	464	492	546	601	-1
	106	134	158	182	196	225	265	301	352	367	399	429	0
	96	119	136	153	160	178	201	216	239	243	251	258	+1

The values of the lines in meters are indicative



Specifications Packaging - Standard rolls

NOMINAL DIAMETER Ø 12 mm

Different packaging options to be agreed upon when ordering

NOMINAL DIAMETER Ø 16 mm

 mil	ROLL LENGTH (m)				Rolls/Pallet	Rolls / Container-Truck		
	SPACING (cm)					20Ft (10 pallet)	40FtHC (20 pallet)	Truck (22 pallet)
6	2200	2500	2500	2500	16/32/36	320	720	792
7	2000	2200	2200	2200				
8	1700	2000	2000	2000				
10	1600	1800	2000	2000				
12	1500	1600	1600	1800				
15	1100	1300	1300	1300				
18	800	1000	1000	1000				
24	600	800	800	800				
35	500	500	500	500				
40	500	500	500	500				



40FtHC (20 pallet)

Quantity
rolls/pallet: 36
pallet height: 2,45m

Truck (22 pallet) 20ft(10 pallet)

Quantity
rolls/pallet: 32
pallet height: 2,20m

mil	Meters/Container		Meters / Truck
	20Ft	40FtHC	
6	704.000 / 800.000	1.584.000 / 1.800.000	1.742.400 / 1.980.000
7	640.000 / 704.000	1.440.000 / 1.584.000	1.584.000 / 1.742.400
8	544.000 / 640.000	1.224.000 / 1.440.000	1.346.400 / 1.584.000
10	512.000 / 576.000 / 640.000	1.152.000 / 1.296.000 / 1.440.000	1.267.200 / 1.296.000 / 1.584.000
12	480.000 / 512.000 / 576.000	1.080.000 / 1.152.000 / 1.296.000	1.188.000 / 1.267.200 / 1.425.600
15	352.000 / 416.000	792.000 / 936.000	871.200 / 1.029.600
18	256.000 / 320.000	576.000 / 720.000	633.600 / 792.000
24	192.000 / 256.000	432.000 / 576.000	475.200 / 633.600
35	160.000	360.000	396.000
40	160.000	360.000	396.000



Small Pallet

Quantity
rolls/pallet: 16
pallet height: 1,20m

NOMINAL DIAMETER Ø 22 mm

 mil	ROLL LENGTH (m)				Rolls/Pallet	Rolls / Container-Truck		
	SPACING (cm)					20Ft (10 pallet)	40FtHC (20 pallet)	Truck (22 pallet)
	15	20	25	≥30				
8	1700	1800	1900	1900	16/32/36	320	720	792
10	1500	1700	1700	1700				
12	1100	1300	1300	1300				
15	1000	1000	1000	1000				
18	800	800	800	800				

mil	Meters/Container		Meters / Truck
	20Ft	40FtHC	
8	544.000 / 576.000 / 608.000	1.224.000 / 1.296.000 / 1.368.000	1.346.400 / 1.425.600 / 1.504.800
10	480.000 / 544.000	1.080.000 / 1.224.000	1.188.000 / 1.346.400
12	352.000 / 416.000	792.000 / 936.000	871.200 / 1.029.600
15	320.000	720.000	792.000
18	256.000	576.000	633.600

NOMINAL DIAMETER Ø 25 mm

 mil	ROLL LENGTH (m)				Rolls/Pallet	Rolls / Container-Truck			Meters/Container		Meters / Truck
	SPACING (cm)					20Ft (10 pallet)	40FtHC (20 pallet)	Truck (22 pallet)	20Ft	40FtHC	
	15	20	25	≥30							
10	1300	1300	1300	1300	16/32/36	320	720	792	416.000	936.000	1.029.600
12	1100	1100	1100	1100					352.000	792.000	871.200

NOMINAL DIAMETER Ø 29 mm

 mil	ROLL LENGTH (m)				Rolls/Pallet	Rolls / Container-Truck			Meters/Container		Meters / Truck
	SPACING (cm)					20Ft (10 pallet)	40FtHC (20 pallet)	Truck (22 pallet)	20Ft	40FtHC	
	15	20	25	≥30							
10	1300	1300	1300	1300	16/32/36	320	720	792	416.000	936.000	1.029.600
12	1100	1100	1100	1100					352.000	792.000	871.200

Specifications Packaging - Small rolls

NOMINAL DIAMETER Ø 16 mm

 mil	ROLL LENGTH (m)	Rolls/Pallet	Rolls / Container-Truck			Metri/Container		Meters / Truck
	SPACING (cm)		20Ft (10 pallet)	40FtHC (20 pallet)	Truck (22 pallet)	20Ft	40FtHC	
	15 - 20 - 23 - 25 - 30 - 33 - 40							
8	200*	128/256	1.280	5.120	5.632	256.000	1.024.000	1.126.400
	500	50/80	500	1.600	1.760	250.000	800.000	880.000
	1000	68/72	680	1.440	1.584	680.000	1.440.000	1.584.000

In boxes of 8 rolls/box, 16 boxes for low pallet, 128 rolls for low pallet.
Soaplast reserves the right to make to its catalogs and products, at any time and without notice, any modifications which, in its unquestionable judgement, it deems convenient for production purposes and/or useful for improving their quality, functionality and performance.

Price tables

Standard rolls for agriculture

Ø Diameter 16 mm

THICKNESS		SPACING (cm)									<i>also available over 60cm</i>
		15	20	23	25	30	33	35	40	50	60
mil	mm	PRICE €/m									
6	0.15	0,0704	0,0610	0,0589	0,0581	0,0575	0,0570	0,0568	0,0564	0,0560	0,0555
7	0.18	0,0740	0,0638	0,0618	0,0610	0,0603	0,0598	0,0596	0,0592	0,0587	0,0582
8	0.20	0,0770	0,0677	0,0657	0,0650	0,0642	0,0638	0,0636	0,0631	0,0626	0,0622
10	0.25	0,0829	0,0733	0,0716	0,0708	0,0700	0,0696	0,0694	0,0690	0,0685	0,0681
12	0.30	0,0960	0,0818	0,0796	0,0790	0,0782	0,0777	0,0774	0,0770	0,0766	0,0761
15	0.38	0,1080	0,0957	0,0940	0,0915	0,0910	0,0904	0,0901	0,0897	0,0891	0,0887
18	0.45	0,1272	0,1252	0,1245	0,1238	0,1232	0,1227	0,1222	0,1218	0,1213	0,1208

Ø Diameter 22 mm

THICKNESS		SPACING (cm)									<i>also available over 60cm</i>
		15	20	23	25	30	33	35	40	50	60
mil	mm	PRICE €/m									
8	0.20	0,0914	0,0831	0,0823	0,0817	0,0810	0,0806	0,0804	0,0800	0,0795	0,0790
10	0.25	0,0975	0,0895	0,0888	0,0882	0,0873	0,0870	0,0868	0,0863	0,0859	0,0854
12	0.30	0,1160	0,1121	0,1097	0,1090	0,1083	0,1078	0,1076	0,1072	0,1068	0,1064
15	0.38	0,1403	0,1387	0,1376	0,1370	0,1362	0,1358	0,1356	0,1350	0,1345	0,1342
18	0.45	0,1537	0,1520	0,1512	0,1508	0,1501	0,1495	0,1493	0,1490	0,1484	0,1480

Ø Diameter 25 mm

THICKNESS		SPACING (cm)											
		25	30	33	35	40	50	60	70	75	80	90	100
mil	mm	PRICE €/m											
10	0.25	0,1077	0,1070	0,1065	0,1063	0,1059	0,1053	0,1050	0,1050	0,1050	0,1050	0,1050	0,1050
12	0.23	0,1208	0,1200	0,1194	0,1192	0,1186	0,1180	0,1175	0,1175	0,1175	0,1175	0,1175	0,1175

Ø Diameter 29 mm

THICKNESS		SPACING (cm)											
		25	30	33	35	40	50	60	70	75	80	90	100
mil	mm	PRICE €/m											
10	0.25	0,1152	0,1145	0,1141	0,1139	0,1135	0,1128	0,1124	0,1124	0,1124	0,1124	0,1124	0,1124
12	0.23	0,1295	0,1286	0,1284	0,1281	0,1277	0,1270	0,1265	0,1265	0,1265	0,1265	0,1265	0,1265

Reduced rolls for gardening

DIAMETER Ø	THICKNESS		LENGTH ROLL	SPACING (cm)					
				15	20	25	30	33	40
mm	mil	mm	m	PRICE €/m					
16	8	0,20	200	0,093	0,086	0,084	0,083	0,081	0,079
			500	0,086	0,078	0,076	0,074	0,072	0,071