

DualDrip[®]FX

TWO DROPS DOUBLE ADVANTAGES

International Patent



Product description

The **DualDrip[®]FX** 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[®]FX with its special double delivery, increases the homogeneity of the irrigated area and reduces the risk of occlusion.

DualDrip[®]FX 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.



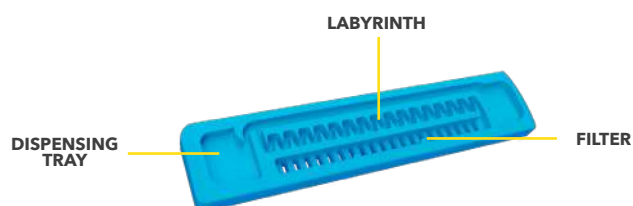
Crops

DualDrip[®]FX 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	12	16	22	25	29
THICKNESS mil	6 - 7 - 8 - 10 - 12 15 - 18 - 24 - 35	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	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	1,3 - 1,6 - 2,2 - 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.

Dualdrip is even more performing in the **FX** version:

- 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	
1,3	86	108	130	150	164	191	229	268	321	340	377	413	-1
	78	97	114	130	139	158	185	209	243	254	275	295	0
	71	86	98	109	114	125	140	151	165	168	173	177	+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	
1,3	115	144	173	201	219	255	306	357	428	454	503	551	-1
	105	129	152	173	185	211	246	279	324	339	367	394	0
	94	115	130	145	152	167	187	201	221	224	231	236	+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	
1,3	191	240	292	339	369	436	522	612	735	779	864	947	-1
	174	216	256	293	313	360	421	478	557	582	630	676	0
	156	193	220	246	257	284	320	344	379	384	397	406	+1
1,6	155	194	236	275	300	352	423	495	595	631	699	768	-1
	141	175	207	237	254	291	341	386	451	471	511	548	0
	127	156	178	199	208	230	259	278	306	311	322	329	+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	
1,3	220	276	331	382	414	481	572	660	783	824	905	984	-1
	209	262	310	355	380	437	512	582	679	709	769	826	0
	199	247	289	327	347	393	453	503	575	594	634	669	+1
1,6	186	235	286	333	364	428	515	603	726	770	854	937	-1
	169	212	251	287	308	354	415	471	550	575	623	669	0
	199	247	289	327	347	393	453	503	575	594	634	669	+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	
1,3	313	397	484	564	616	727	876	1028	1239	1315	1457	1601	-1
	285	358	425	487	522	601	706	803	939	981	1064	1144	0
	256	318	365	409	428	475	537	578	638	647	670	686	+1
1,6	253	321	392	457	499	589	709	833	1003	1065	1180	1297	-1
	230	290	343	394	423	487	572	650	760	795	861	926	0
	207	318	365	409	428	475	537	578	638	647	670	686	+1
2,2	216	275	334	391	426	504	606	711	857	911	1010	1109	-1
	196	247	293	337	361	416	489	556	649	680	737	792	0
	177	220	252	283	296	329	371	400	442	449	464	475	+1
4,0	130	165	201	235	256	303	365	427	516	547	607	668	-1
	118	149	176	202	217	250	294	334	391	408	443	477	0
	106	132	151	170	178	198	224	240	266	269	279	286	+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)
	15	20	25	≥30				
6	2200	2500	2500	2500	16/32/36	320	720	792
8	1800	2500	2500	2500				
10	1800	2200	2200	2200				
12	1500	1600	1600	1800				
15	1100	1300	1300	1300				
18	1100	1100	1100	1100				
24	600	800	800	800				
35	500	500	500	500				
40	500	500	500	500				



40FtHC (10 pallet)

Quantity
rolls/pallet: 44
pallet height: 2,40m

20Ft (10 pallet)

Quantity
rolls/pallet: 40
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
8	576.000 / 800.000	1.296.000 / 1.800.000	1.425.600 / 1.980.000
10	576.000 / 704.000	1.296.000 / 1.584.000	1.425.600 / 1.742.400
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	352.000	792.000	871.200
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



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

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	1800	1800	2000	2000	16/32/36	320	720	792
10	1600	1600	1800	1800				
12	1100	1300	1300	1300				
15	1000	1000	1000	1000				
18	800	800	1000	1000				

mil	Meters/Container		Meters / Truck
	20Ft	40FtHC	
8	576.000 / 640.000	1.296.000 / 1.440.000	1.425.600 / 1.584.000
10	512.000 / 576.000	1.152.000 / 1.296.000	1.267.200 / 1.425.600
12	352.000 / 416.000	792.000 / 936.000	871.200 / 1.029.600
15	320.000	720.000	792.000
18	256.000/320.000	576.000/720.000	633.600/792.000



Small Pallet

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

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		
	SPACING (cm)		20Ft (10 pallet)	40FtHC (20 pallet)	Truck (22 pallet)	20Ft	40FtHC	Meters / Truck
	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)										also available over 60cm
		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	
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)										also available over 60cm
		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