

# DUAL<sup>®</sup>

CYL. DRIPLINE TB

## The super resistant cylindrical dripline in any field condition

### Product description

The **Dual<sup>®</sup>** is a low density polyethylene dripline, characterized by a long cylindrical self-cleaning dripper, with turbulent flow, and four dispensing holes.

**Dual<sup>®</sup>** with its special design of the labyrinth with large water passages reduces the risk of clogging. Furthermore, the 4 dispensing holes in a specular position prevent percolation on the pipe, guaranteeing a more balanced distribution of water over the entire irrigated surface.

Thanks to its particular characteristics, **Dual<sup>®</sup>** is extremely resistant even in the most difficult field conditions.

### Product range

DIAMETER Ø - mm	16	20
THICKNESS mil	44	
THICKNESS mm	1.10	
FLOW RATE l/h 1 bar	2,2 - 4,2 - 8,6	
SPACING cm	15 - 20 - 25 - 15 - 20 - 23 - 25 - 30 - 33 40 - 50 - 60 - 70 - 80 - 100 - 120 - 150	

On request:  
- Available in brown and white color  
- Availability of alternating pitch emitters

Table in nominal values

### Dripper features

- Long cylindrical dripper;
- Turbulent flow;
- Labyrinth with self-cleaning design and large water;
- Integrated filter reduces the passage of impurities;
- Low sensitivity to pressure;
- Low coefficient of technological variation;

### Recommended applications

Surface application is recommended, on flat ground that does not require pressure compensation.



### Crops

**Dual<sup>®</sup>** is suitable for open field or greenhouse applications in tree crops and multi-seasonal cycles such as oranges, lemons, grapes, apples, pears, almonds, olives, kiwis, hazelnuts and others.











### Advantages

- Reliable operation and longer life;
- Better homogeneity of the irrigated surface thanks to the 4 holes placed in a specular way;
- Reduction of percolation on the pipe;
- Excellent emission uniformity along the entire length of the line;
- High resistance to UV rays and fertilizers used in agriculture;
- Complete emptying at the end of the irrigation cycle with consequent lower risk of blockage;
- Simplicity and speed of installation thanks to the specular position of the dispensing holes;
- Very little maintenance required.



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

 DIAMETER Ø - mm	 FLOW RATE l/h 1 bar	 SPACING cm													 SLOPE
		15	20	25	30	33	40	50	60	70	80	100	120	150	
16	2,2	35	44	53	59	63	70	80	87	93	98	106	111	117	-1
		39	51	61	71	77	89	105	120	133	146	173	196	231	0
		43	57	70	82	91	106	130	153	175	196	242	284	353	+1
	4,2	26	33	39	44	47	52	60	65	70	73	79	83	79	-1
		29	38	46	53	57	67	78	89	100	109	129	146	155	0
		32	43	52	62	68	80	96	114	131	146	181	212	237	+1
	8,6	15	19	23	25	27	30	34	37	39	42	45	48	50	-1
		17	22	27	30	33	38	44	51	56	63	74	84	98	0
		18	25	31	35	40	45	55	65	74	84	103	122	150	+1

 DIAMETER Ø - mm	 FLOW RATE l/h 1 bar	 SPACING cm													 SLOPE
		15	20	25	30	33	40	50	60	70	80	100	120	150	
20	2,2	52	67	79	89	92	104	120	129	138	146	157	165	173	-1
		58	77	92	106	112	133	156	178	197	218	256	290	341	0
		64	86	105	123	133	159	193	228	259	291	358	422	522	+1
	4,2	38	49	58	65	69	76	88	95	101	107	115	119	125	-1
		42	56	67	78	83	97	115	131	145	159	187	210	246	0
		46	63	77	91	99	116	142	167	190	214	262	306	378	+1
	8,6	30	38	45	50	54	59	67	72	77	81	88	91	82	-1
		33	44	52	60	65	74	87	100	111	121	143	161	162	0
		36	48	60	69	77	89	108	128	145	163	200	234	248	+1

The values of the lines in meters are indicative



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### Specifications Packaging - Standard rolls

DIAMETER Ø - mm	THICKNESS mil	Roll length m	Rolls / Container-Truck			Meters / Container		Meters / Truck
			20Ft	40FtHC	Truck	20Ft	40FtHC	
16	44	400	170	400	500	68000	160.000	200.000

### Specifications Packaging - Small rolls

DIAMETER Ø - mm	THICKNESS mil	Roll length m	Rolls / pallets	Rolls / Container-Truck			Meters / Container		Meters / Truck
				20Ft	40FtHC	Truck	20Ft	40FtHC	
16	44	25	100	1.000	2.000	2.200	25.000	50.000	55.000
		50	88	880	1.760	1.936	44.000	88.000	96.800
		100	48	480	960	1.056	48.000	96.000	105.300
		200	28	280	560	616	56.000	112.000	123.200

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### Price tables

#### Standard rolls for agriculture

DIAMETER Ø	THICKNESS		SPACING (cm)																
	mil	mm	15	20	25	30	33	35	40	50	60	70	75	80	90	100	110	125	150
			PRICE €/m																
16	44	1,10	0,370	0,244	0,214	0,207	0,203	0,201	0,197	0,191	0,187	0,184	0,183	0,182	0,181	0,180	0,180	0,180	0,180
20			0,420	0,293	0,268	0,259	0,254	0,251	0,246	0,239	0,233	0,230	0,228	0,227	0,225	0,223	0,223	0,223	0,223

#### Reduced rolls for gardening

DIAMETER Ø	THICKNESS		LENGTH ROLL	SPACING (cm)						
				15	20	25	30	33	35	40
	mil	mm		PRICE €/m						
16	44	1,10	25	0,522	0,425	0,397	0,378	0,370	0,365	0,355
			50	0,513	0,416	0,388	0,369	0,361	0,356	0,346
			100	0,447	0,350	0,322	0,303	0,295	0,290	0,280
			200	0,412	0,315	0,287	0,268	0,260	0,255	0,245