

1TAPE®

continuous tb labyrinth

NEW GENERATION TAPE

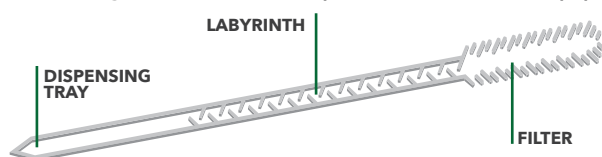
Product description

1Tape® is a lightweight drip tape made of medium density polyethylene, with a continuous turbulent flow labyrinth manufactured through a single extrusion process.

The special design of the continuous labyrinth makes it ideal for very narrow spaces between emitters. **1Tape®** is also available in 5cm spacing, the narrowest on the market!

The very close dripping points make it ideal on sandy and very draining soils as they keep the root zone well moist and uniform, improving the water retention capacity of the soil.

The **1Tape®** dispensing openings are made without any removal of material, this allows a perfect closure of the dispensing holes at the end of the irrigation cycle, preventing the intrusion of particles inside the pipe.



Product range

DIAMETER Ø - mm	16	22
THICKNESS S mil	5 - 6 - 7 8 - 10 - 12	7 - 8 - 10 - 12
THICKNESS mm	0.125 - 0.15 - 0.175 0.20 - 0.25 - 0.30	0.175 - 0.20 0.25 - 0.30
FLOW RATE l/h 0,7 bar/10 psi	0,6 - 0,9 - 1,2 - 1,5 - 2,0	
SPACING cm	(5 - 7,5)* - 10 - 15 - 20 - 30 - 40	

Table in nominal values

*Available upon approved request



Product Certification
BUREAU VERITAS
Certification

N.1302/001



Recommended applications

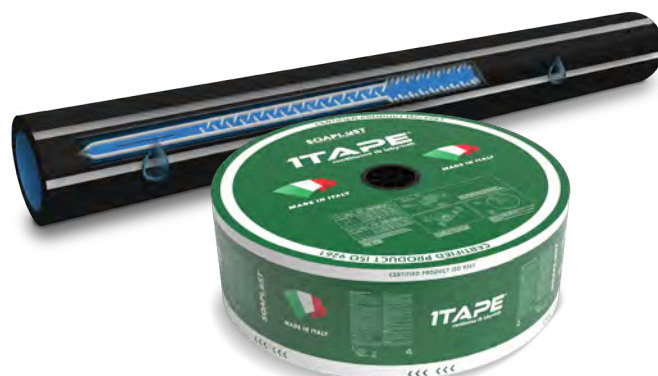
Surface application is recommended, on flat ground where pressure compensation is not required.



Crops

1Tape® is suitable for open field or greenhouse applications in single-season horticulture or floriculture such as strawberries, courgettes, melon, watermelon, onion, garlic, tomatoes, carrots, aubergines, potatoes, peppers, celery, broccoli, lettuce, cauliflower, fennel, artichokes, chilli, radicchio, pumpkin, carnations, roses and more.

**IDEAL FOR VERY NARROW
SPACING BETWEEN EMITTERS**



Dripper features

- Continuous labyrinth with self-cleaning turbulent flow;
- Special delivery openings made without material removal;
- Long filter barrier and special labyrinth reduce the passage of impurities;
- Low sensitivity to pressure even on minimum thicknesses;
- Low technological coefficient of variation.

Advantages

- Increase of the irrigated surface and greater homogeneity thanks to the narrow spacing between one delivery point and another;
- Perfect closure of the delivery holes at the end of the irrigation cycle thanks to the mechanical cut;
- Less water dispersion even in the presence of sandy soils;
- High resistance to UV rays and fertilizers used in agriculture;
- Excellent emission uniformity on the whole line;
- Ease of application also 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%

 DIAMETER Ø - mm	 FLOW RATE l/h 0,7 bar/10 psi	 SLOPE	 SPACING cm						
			5	7.5	10	15	20	30	40
16	0,6	-1%	68	94	116	158	198	274	347
		0	63	83	101	131	159	209	253
		1%	57	73	86	105	122	145	161
	0,9	-1%	53	71	87	118	147	201	252
		0	50	64	77	101	122	159	193
		1%	45	59	70	89	104	127	145
	1,2	-1%	45	59	73	98	121	165	206
		0	42	55	67	87	105	139	167
		1%	40	51	60	77	90	112	130
	1,5	-1%	38	50	61	82	102	137	171
		0	36	47	57	75	90	118	143
		1%	34	44	52	67	79	99	115
	2,0	-1%	32	41	50	67	82	111	137
		0	30	39	47	61	75	97	118
		1%	29	37	44	57	67	85	99
22	0,6	-1%	129	176	220	304	386	546	703
		0	112	146	177	231	281	367	445
		1%	95	117	134	160	178	201	212
	0,9	-1%	96	131	162	222	279	391	498
		0	86	113	136	178	216	283	342
		1%	76	95	111	135	153	179	195
	1,2	-1%	77	104	128	174	218	302	383
		0	75	97	118	154	187	245	296
		1%	63	80	94	116	134	159	177
	1,5	-1%	66	88	109	148	185	254	321
		0	61	80	96	126	153	200	242
		1%	56	71	84	104	121	146	165
	2,0	-1%	54	72	88	119	148	203	254
		0	50	66	80	104	126	165	200
		1%	47	60	71	89	104	128	146

The values of the lines in meters are indicative



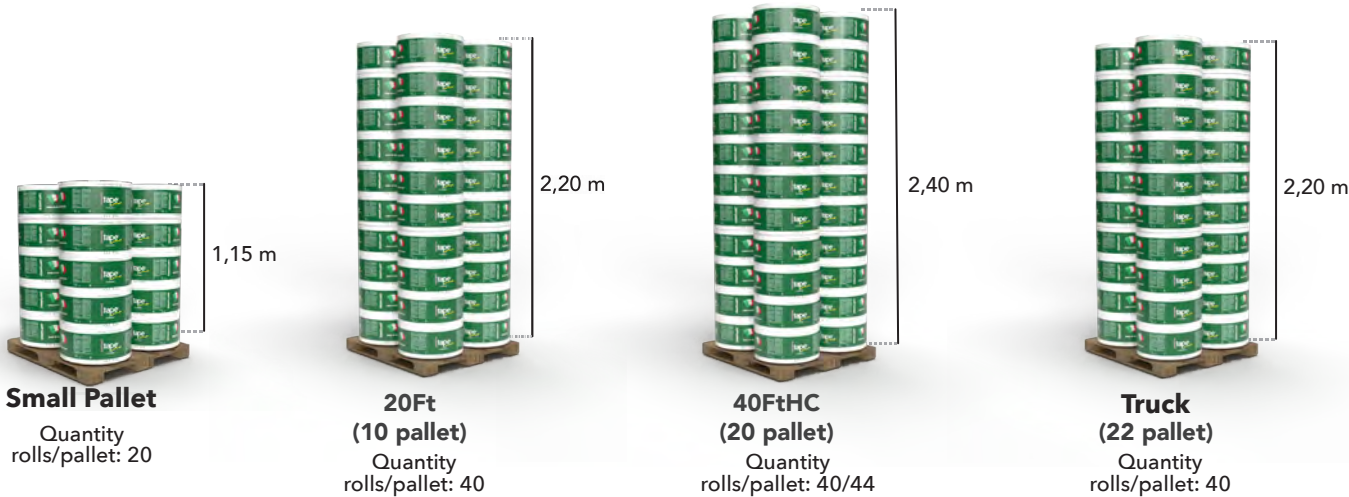
Specifications Packaging - Standard rolls

DIAMETER Ø - mm	THICKNESS mil	Roll length m	Rolls / pallets	Rolls / Container-Truck			Meters / Container		Meters / Truck
				20Ft (10 pallet)	40FtHC (20 pallet)	Truck (22 pallet)	20Ft	40FtHC	
16	5	3500	20/40/44	400	800/880	880	1.400.000	2.800.000/3.080.000	3.080.000
	6	3048					1.219.200	2.438.400/2.682.240	2.682.240
	7	2700					1.080.000	2.160.000/2.376.000	2.376.000
	8	2300					920.000	1.840.000/2.024.000	2.024.000
	10	1800					720.000	1.440.000/1.584.000	1.584.000
	12	1500					600.000	1.200.000/ 1.320.000	1.320.000
22	7	2100	20/40/44	400	800/880	880	840.000	1.680.000/1.848.000	1.848.000
	8	1830					732.000	1.464.000/1.610.400	1.610.400
	10	1340					536.000	1.072.000/1.179.200	1.179.200
	12	1200					480.000	960.000 /1.056.000	1.056.000

Specifications Packaging - Small rolls

DIAMETER Ø - mm	THICKNESS mil	Roll length m	Rolls / pallets	Rolls / Container-Truck			Meters / Container		Meters / Truck
				20Ft (10 pallet)	40FtHC (20 pallet)	Truck (22 pallet)	20Ft	40FtHC	
16	6	1250	68/72	680	1440	1584	850.000	1.800.000	1.980.000
	8	1000					680.000	1.440.000	1.584.000

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Price tables

Ø Diameter 16 mm

THICKNESS		SPACING	PRICE
mil	mm	cm	€/m
5	0.130	***5 - 7,5 - 10 - 15 - 20 30 - 40 - 50	0,0522
*6	0.150		0,0560
7	0.178		0,0595
**8	0.200		0,0640
10	0.250		0,0740
12	0.300		0,0980

*1250 meter roll available at 5% more on the list price
**1000 meter roll available at 5% more on the list price
***5 cm available at 10% more on the list price

Ø Diameter 22 mm

THICKNESS		SPACING	PRICE
mil	mm	cm	€/m
7	0.178	***5 - 7,5 - 10 - 15 - 20 30 - 40 - 50	0.0870
8	0.200		0,0900
10	0.250		0,0965
12	0.300		0,1180

***5 cm available at 10% more on the list price



Tape
New generation