



# 1tape



**NEW  
GENERATION  
TAPE**

**SOAPLAST**  
ITALIAN DRIP LINES MANUFACTURER

## PRODUCT DESCRIPTION

The **1TAPE®** light integral dripline in polyethylene, manufactured by Soapplast in its factory in Italy, represents the latest technological innovation in the field of drip-irrigation systems.

It is a dripline with a continuous turbulent flow labyrinth made through a unique extrusion process.

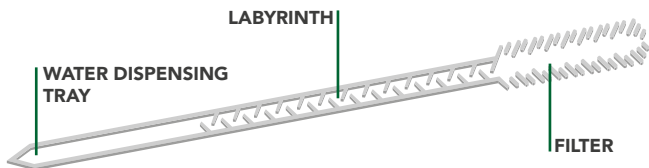
The **1TAPE®** flow outlet opening is made mechanically and therefore without any removal of material, this allows the perfect closing of the emitting slit at the end of the irrigation cycle preventing undesirable intrusions of particles inside the hole.

**1TAPE®** is particularly suitable on sandy and very draining soils thanks to the drip points with reduced spacing.

**1TAPE®** is also suitable for irrigation of crops in the open field as well as crops on covered ground. Its use is ideal in flower crops such as roses or carnations, and in horticultural plantations such as: onion, garlic, celery, tomato, carrot, potato, cucumber, zucchini, asparagus, eggplant, pepper, strawberry, melon, watermelon and more.

The wide range of spacing and nominal flow rate allows a high flexibility of the product thus adapting it to the many needs that the cultivation activity requires.

**1TAPE®** is available in different thicknesses sizes, from the thinner ones destined to crops generally not more than two years, up to the medium-heavy thicknesses one destined for a multi-season irrigation.



## RECOMMENDATIONS FOR USE

Soapplast always recommends to use of a good water filtration system designed and installed by a skilled operator.

Nominal flow rate [l/h]	Filtration recommended	
	[Mesh]	[Micron]
0,6	200	80
0,9	130	120
1,2	130	120
1,5	130	120
2	130	120

## RANGE OF PRODUCTS

Diameters mm	16 - 22
Thickness (mil) Ø 16	6 - 8 - 10 - 12
Thickness (mil) Ø 22	8 - 10 - 12
Nominal flow rate l/h (0,7 bar)	0,6 - 0,9 - 1,2 - 1,5 - 2,0
Spacing cm	5 - 7,5 - 10 - 15 - 20 - 25 - 30 - 40



## 1TAPE® FEATURES

Slit outlet made without material removal that allow a perfect closing of the slit at the end of the irrigation cycle, avoiding particles intrusion;

Increased irrigated surface and greater homogeneity thanks to the narrow spacing between the emission points;

Less water dispersion on sandy soils;

Excellent resistance to occlusion thanks to the well-designed inlet filters and the optimal turbulent flow of the labyrinth which creates a self-cleaning effect even at low operating pressures;

Excellent emission uniformity over the entire length of the dripline;

Low pressure sensitivity;

Low technological variation coefficient;

High resistance to the UV rays, thermal and mechanical stress, attack of microorganisms and molds, acids or alkaline solutions normally used in agriculture;

Easy spreading thanks to the double continuous strip, emitter side, ensuring significant labor savings;

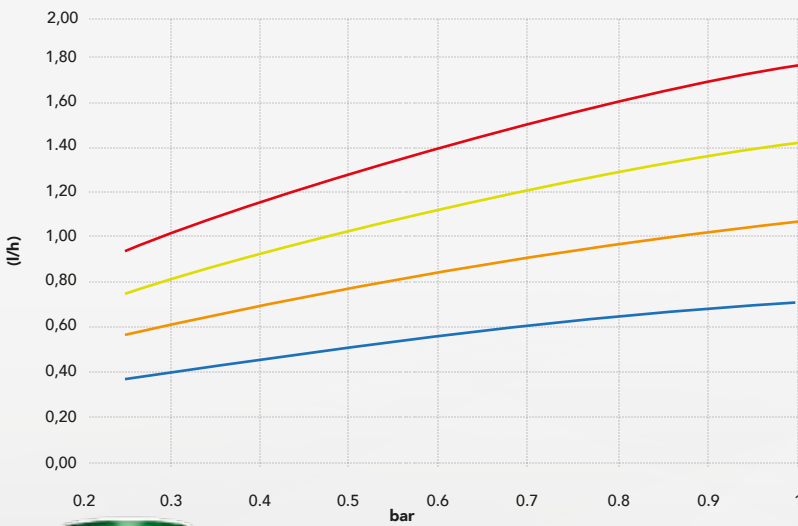
Less maintenance required;



# RECOMMENDED BRANCH LENGTH

Diameters mm	Q l/h	S %	SPACING (CM)					
			7.5	10	15	20	30	40
16	0,6	-1%	104	129	175	220	304	386
		0	92	112	146	177	232	281
		1%	81	95	117	135	161	179
	0,9	-1%	79	97	131	163	223	280
		0	71	85	112	135	177	214
		1%	66	78	99	115	141	161
	1,2	-1%	66	81	109	134	183	229
		0	61	74	97	117	154	186
		1%	57	67	85	100	124	144
	1,5	-1%	56	68	91	113	152	190
		0	52	63	83	100	131	159
		1%	49	58	74	88	110	128
2,0	-1%	46	56	74	91	123	152	
	0	43	52	68	83	108	131	
	1%	41	49	63	74	94	110	
22	0,6	-1%	195	244	338	429	607	781
		0	162	197	257	312	408	494
		1%	130	149	178	198	223	236
	0,9	-1%	145	180	247	310	434	553
		0	125	151	198	240	314	380
		1%	106	123	150	170	199	217
	1,2	-1%	115	142	193	242	335	425
		0	108	131	171	208	272	329
		1%	89	104	129	149	177	197
	1,5	-1%	98	121	164	205	282	357
		0	89	107	140	170	222	269
		1%	79	93	116	134	162	183
2,0	-1%	80	98	132	164	225	282	
	0	73	89	116	140	183	222	
	1%	67	79	99	116	142	162	

FLOW RATE (l/h)



- 0,6 l/h - 0,7bar
- 0,9 l/h - 0,7bar
- 1,2 l/h - 0,7bar
- 1,5 l/h - 0,7bar

MAX WORK PRESSURE			
	6 mil	8 mil	10 mil
Ø16	0,8	1,0	1,2
Ø22		0,8	1,0

Flow rate-pressure curves, obtained in compliance with the ISO 9261 regulation, are classified as tolerant to incoming pressure.



Diameters mm	Thickness mil	Lenght (meter/reel)	Reels / Pallet	Reels /Container 20Ft/40FtHC
16	6	3048	20/40	400/800
	8	2200		
	8	2300		
22	10	1830	20/40	800
	8	1830		
	10	1340		



**PACKAGING**

# 1tape

**SOAPPLAST**  
ITALIAN DRIPLINES MANUFACTURER

Soapplast offers a **complete range of driplines** for every type of crop, topographical conditions, soil quality and water.

The **drip irrigation system** allows significant savings of water and economic, the efficient use of water, where necessary, guarantees nourishment to the plants avoiding unnecessary waste.

Since the **80s**, Soapplast has invested in the research of irrigation solutions for agriculture using high quality raw materials and advanced machinery in the production of driplines.

The constant quality of the production process is guaranteed by the **ISO 9001** standard certified by Rina Services S.p.a.

The Soapplast International Logistics benefits great simplifications thanks to the **AEO** Authorization released by the European Agency of Customs and Monopolies, after strict controls.

Soapplast goods sold to Countries which have signed a Free Trade Agreement with the EU pay less customs duties, so-called preferential customs tariffs, because Soapplast is an **Exporter Authorized** by the European Customs Authorities.

The Company also holds **International Patents**.

Today Soapplast is pleased to offer its customers completely "**Made in Italy**" products, technologically advanced, reliable and appreciated all over the **world**.



[info@soapplast.it](mailto:info@soapplast.it)  
[www.soapplast.it](http://www.soapplast.it)

