



CINTAPE

Irrigation Tape 10-24 mil with turbulent flow labyrinth dripper



GESTIRIEGO



MICROIRRIGATION PIPING





CINTAPE

CINTAPE is an emitter irrigation tape with a turbulent labyrinth suitable for seasonal crop irrigation. The flat irrigation emitter, with a labyrinth on the internal tape wall, increases the uniformity of the flow rate emission and removes the possibility of clogging.

CHARACTERISTICS / BENEFITS

- Manufactured with high-quality materials.
- Anti-clogging thanks to the dripper filtering area.
- Extruded labyrinth with an even design along the entire length of the branch, ensuring maximum emission evenness regarding flow rates and crop profitability.
- Flexible design that adapts to crop needs.
- Savings in costs arising from irrigation installation and maintenance.
- Great branch lengths for each flow rate and spacing option.
- Product storage, transport and handling optimisation.
- Resistance to UV rays and products used in agriculture (fertilisers, etc.)



APPLICATIONS

Ideal for intensive and seasonal crops in surface irrigation installations, optimising the investment in the installation without losing quality in the cultivated product. Especially for crops that require short spaces between emitters.

CINTAPE ALTERNATIVES

CINTAPE			
DIAMETER	FLOW RATE		SEPARATION BETWEEN EMITTERS
	6-8 MIL	10-24 MIL	
mm	l/h	l/h	m
16 22	P: 0'7 bar		0'10, 0'20, 0'30, 0'40, 0'50, 0'60
	P: 1'0 bar		
	0'6	0'7	
	0'9	1'0	
	1'2	1'4	
	1'5	1'8	

Ø16 6 MIL CINTAPE ROLL	
DISTANCE (cm)	m/roll
mm	m
10	1800
20	1800
30	1800

*Contact us about other sizes.

*According to the UNE EN ISO 9261 standard. Agricultural irrigation equipment. Emitters and emitting pipe.

TECHNICAL DATA

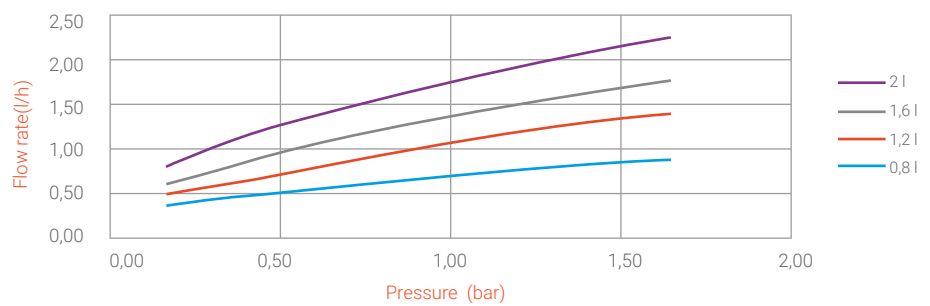
WALL THICKNESS 10-24 MIL					
NOMINAL DIAMETER	INTERNAL Ø	WALL THICKNESS	EXTERNAL Ø	NOMINAL PRESSURE	MAXIMUM WORKING PRESSURE
mm		l/h		bar	m
16	16	10 / 0'25	16'50	1	1
	16	12 / 0'30	16'60	1	1'2
	15'95	14 / 0'35	16'65	1	1'2
	15'95	16 / 0'40	16'75	1	1'4
	15'85	20 / 0'50	16'85	1	1'6
	15'85	24 / 0'60	17'05	1	1'6
22	22	10 / 0'25	22'50	1	1
	22	12 / 0'30	22'60	1	1
	22	14 / 0'35	22'70	1	1'2
	22	16 / 0'40	22'80	1	1'4
	22	20 / 0'50	23'00	1	1'6
	22	24 / 0'60	23'20	1	1'6



CHARACTERISTIC EQUATION

FLOW RATE	$q = k \cdot p^x$
l/h	q (l/h), p (bar)
0'7	$q = 0'7 \cdot p^{0'49}$
1'0	$q = 1'0 \cdot p^{0'49}$
1'4	$q = 1'4 \cdot p^{0'49}$
1'8	$q = 1'8 \cdot p^{0'49}$

*Being 'q' (l/h) and 'p' (bar)



l/h DEPENDING ON FLOW RATE AND PRESSURE								
FLOW RATE	PRESSURE							
	0'20	0'40	0'60	0'80	1'00	1'20	1'40	1'60
	bar							
0'7	0'32	0'45	0'54	0'63	0'70	0'77	0'83	0'88
1'0	0'49	0'69	0'84	0'97	1'08	1'18	1'27	1'36
1'4	0'64	0'89	1'09	1'25	1'40	1'53	1'65	1'76
1'8	0'82	1'15	1'40	1'61	1'80	1'97	2'12	2'27

BRANCH LENGTHS IN FLAT TERRAIN								
DIÁMETRO	CAUDAL	PRESIÓN						
		0'10	0'20	0'30	0'40	0'50	0'60	
		bar						
16	0'7	87	171	229	278	324	362	
	1'0	61	120	160	194	227	253	
	1'4	44	86	114	139	162	181	
	1'8	35	69	92	115	128	145	
22	0'7	164	323	433	525	612	684	
	1'0	115	227	302	367	429	478	
	1'4	83	163	215	263	306	342	
	1'8	66	130	174	217	242	274	

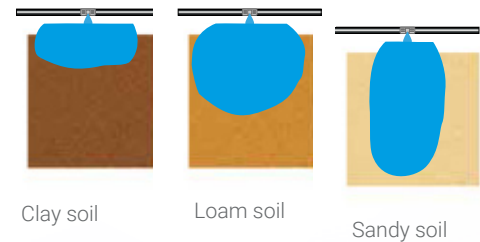
RECOMMENDED SEPARATION BETWEEN EMITTERS

Depending on crop type

- Lettuce, celery, broccoli: 10-20 cm
- Melon, watermelon, tomato, corn: 30-40 cm
- Special cases: 50-60 cm

Depending on the soil type

- Sandy loam soil: 10-20 cm
- Clay loam soil: 30-40 cm
- Special cases: 50-60 cm



RECOMMENDED FITTINGS

TAPE-TAPE COUPLING It guarantees the perfect junction between irrigation tape sections.



(CONNECTIONS TO OTHER PIPING)

TUBE-TAPE COUPLING It enables compatibility of multi-seasonal piping with the irrigation tape in the same installation.



1/2" MALE THREAD- TAPE ELBOW It connects a section of irrigation tape in the shape of an elbow to a flexible PVC flat hose by means of the lay flat nut set.



1/2" MALE THREAD-TAPE TEE It connects two sections of irrigation tape in the shape of a tee on a flexible PVC flat hose by means of the lay flat nut set.



LAY-FLAT TAPE SOCKET It connects the irrigation tape to a flexible PVC flat hose.





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Creando los caminos
del agua

