



CINDRIP

Irrigation Tape 10-24 mil with turbulent flat dripper



GESTIRIEGO



MICROIRRIGATION PIPING



CINDRIP

CINDRIP is the irrigation tape that guarantees great resistance and uniformity in seasonal crops. It features turbulent regime flat emitters that ensure full homogeneity in its flows and great precision in the flow emitted.

CHARACTERISTICS / BENEFITS

- Manufactured with high-quality materials.
- Anti-clogging function thanks to the position and geometry of the dripper pre-filter.
- Great uniformity and accuracy in the emitted flow rate, maximising crop profitability.
- Versatility in options in order to meet the 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 row crops such as tomato, corn, lettuce, melon, etc., in surface irrigation facilities, optimising the installation investment without losing quality in the product installed.

CINDRIP TAPE ALTERNATIVES

CINDRIP		
DIAMETER	FLOW RATE 10-24 MIL	SEPARATION BETWEEN EMITTERS
mm	l/h	m
16 22	P: 1,0 bar	
	0'8	0.20, 0.25, 0.30, 0.33, 0.40, 0.50, 0.60, 0.75, 1.00
	1'2	
	1'6	
	2'0	
	2'6	
3'2		

Ø16 10 MIL CINDRIP ROLL	
DISTANCE (cm)	m/roll
cm	m
20	1600
30	1700

*Contact us about other sizes
*According to the UNE EN ISO 9261 standard. Agricultural irrigation equipment. Emitters and emitting pipe. Specifications and test methods.



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

RECOMMENDED SEPARATION BETWEEN EMITTERS

Depending on crop type

- Lettuce, celery, broccoli : 20 cm
- Melon, watermelon, tomato, corn: 25-40 cm
- Special cases: 50-120 cm

Depending on the soil type

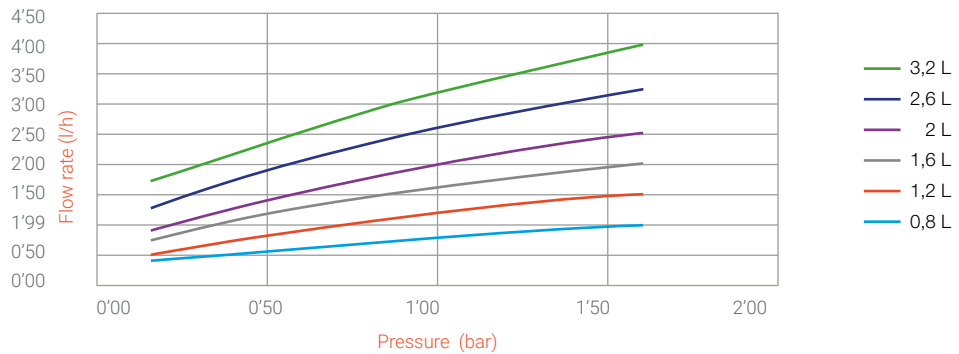
- Sandy loam soil: 20 cm
- Clay loam soil: 25-40 cm
- Special cases: 50-120 cm



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CHARACTERISTIC EQUATION	
FLOW RATE	$q = k \cdot p^x$
l/h	q (l/h) , p (bar)
0'8	$q = 0'8 \cdot p^{0'49}$
1'2	$q = 1'2 \cdot p^{0'49}$
1'6	$q = 1'6 \cdot p^{0'49}$
2'0	$q = 2'0 \cdot p^{0'49}$
2'6	$q = 2'6 \cdot p^{0'46}$
3'2	$q = 3'2 \cdot p^{0'46}$



*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	1'20	1'40	1'60
	bar							
0'8	0'36	0'51	0'62	0'72	0'80	0'87	0'94	1'01
1'2	0'55	0'77	0'93	1'08	1'20	1'31	1'42	1'51
1'6	0'73	1'02	1'25	1'43	1'60	1'75	1'89	2'01
2'0	0'91	1'28	1'56	1'79	2'00	2'19	2'36	2'52
2'6	1'24	1'71	1'06	2'35	2'60	2'83	3'04	3'23
3'2	1'53	2'10	2'53	2'89	3'20	3'48	3'74	3'97

BRANCH LENGTHS IN FLAT TERRAIN											
DIAMETER	FLOW RATE	PRESSURE									
		0,20	0,25	0,30	0,33	0,40	0,50	0,60	0,75	1,00	1,20
		bar									
16	0'8	115	136	153	164	186	216	244	281	341	380
	1'2	90	106	119	128	145	168	190	219	266	296
	1'6	74	87	98	105	119	138	156	180	218	243
	2'0	64	76	85	91	104	120	136	156	190	211
	2'6	56	67	75	80	91	106	119	138	167	186
	3'2	50	59	66	71	80	93	105	121	147	164
22	0'8	217	253	281	300	336	384	429	486	579	637
	1'2	170	198	220	234	262	300	334	379	452	497
	1'6	139	162	180	192	215	246	274	311	370	408
	2'0	121	141	157	167	187	214	238	271	322	355
	2'6	106	124	138	147	164	188	210	238	283	312
	3'2	94	109	121	129	145	165	185	210	249	275

RECOMMENDED FITTINGS ONLY UP TO 10 THOUSAND

TAPE-TAPE COUPLING

Perfect junction between irrigation tape sections.

TAPE-PLUG COUPLING Facilitate its installation and to join two ends

TUBE-TAPE COUPLING Compatibility of multi-seasonal piping with the irrigation tape.

TAPE SOCKET COUPLING It connects the irrigation tape to any PE or PVC tertiary piping



Connection with other pipes

FROM 10 THOUSAND

TAPE-TAPE COUPLING Perfect junction between irrigation tape sections.

TUBE-TAPE COUPLING Compatibility of multi-seasonal piping with the irrigation tape.

1/2" MALE THREAD- TAPE ELBOW 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.

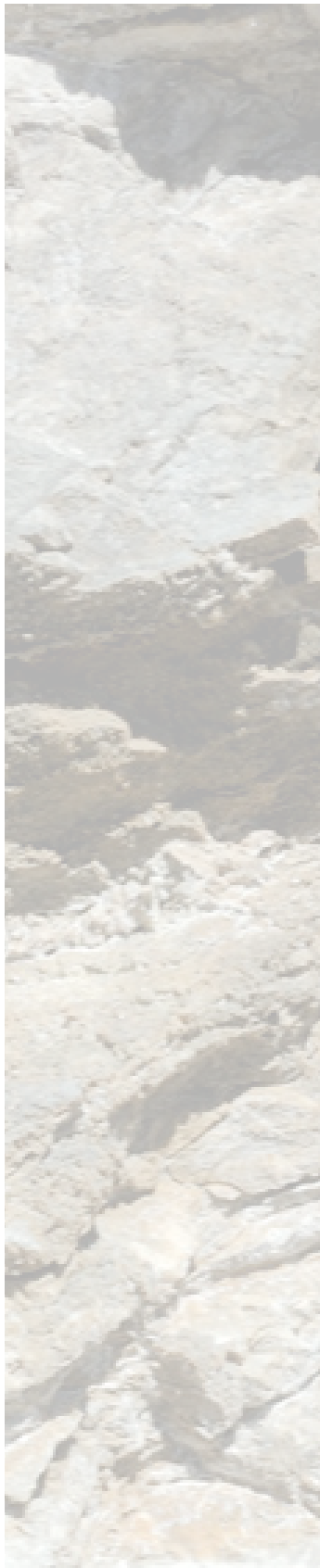
1/2" MALE THREAD-TAPE TEE It connects two sections of irrigation tape in the shape of a tee on a flexible PVC flat hose by means of the lay flat nut set.

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



Connection with other pipes





info@gestiriego.com
 (+34) 968 658 326
 Paraje Vistabella s/n 30892
 Librilla, Murcia. ESPAÑA

www.gestiriego.com

Creando los caminos
del agua

