



CINDRIP

Irrigation Tape 6-8 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		SEPARATION BETWEEN EMITTERS
	6-8 MIL	10-24 MIL	
mm	l/h	l/h	m
16 22	P: 0'7 bar		0'20 0'25 0'30 0'33, 0'40 0'50 0'60 0'75 1'00
	P: 1'0 bar		
	0'7	0'8	
	1'0	1'2	
	1'3	1'6	
	1'7	2'0	
2'2	2'6		
2'7	3'2		

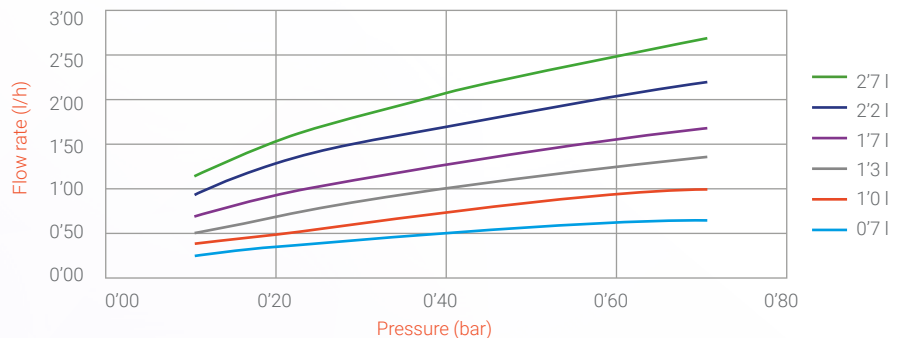
Ø16 6 MIL CINDRIP ROLL	
DISTANCE (cm)	m/roll
mm	m
20	2500
30	2700
Ø16 8 MIL CINDRIP ROLL	
20	2000
30	2100

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

TECHNICAL DATA

CHARACTERISTIC EQUATION	
FLOW RATE	$q = k \cdot p^x$
l/h	q (l/h) , p (bar)
0'7	$q = 0'8 \cdot p^{0'49}$
1'0	$q = 1'12 \cdot p^{0'49}$
1'3	$q = 1'6 \cdot p^{0'49}$
1'7	$q = 2'0 \cdot p^{0'49}$
2'2	$q = 2'6 \cdot p^{0'46}$
2'7	$q = 3'2 \cdot p^{0'46}$

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



WALL THICKNESS 6-8 MIL					
NOMINAL DIAMETER	INTERNAL Ø	WALL THICKNESS	EXTERNAL Ø	NOMINAL PRESSURE	MAXIMUM WORKING PRESSURE
mm		l/h		bar	m
16	16	6 / 0'15	16'30	0'70	0'70
	16	8 / 0'20	16'40	0'70	0'70
22	22	8 / 0'20	22'40	0'70	0'70



1





l/h DEPENDING ON FLOW RATE AND PRESSURE							
FLOW RATE	PRESSURE						
	0'10	0'20	0'30	0'40	0'50	0'60	0'70
	bar						
0'7	0'26	0'36	0'44	0'51	0'57	0'62	0'67
1'0	0'39	0'55	0'67	0'77	0'85	0'93	1'01
1'3	0'52	0'73	0'89	1'02	1'14	1'25	1'34
1'7	0'65	0'91	1'11	1'28	1'42	1'56	1'68
2'2	0'90	1'24	1'49	1'71	1'89	1'06	2'21
2'7	1'11	1'53	1'84	2'10	2'33	2'53	2'72

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	0'7	113	134	151	162	182	212	238	274	331	369
	1'0	88	104	118	126	142	165	186	214	258	288
	1'3	72	86	96	103	117	135	152	175	212	236
	1'7	63	75	84	90	101	118	132	152	184	205
	2'2	55	66	74	79	89	104	116	134	162	180
	2'7	49	58	65	70	79	91	103	118	143	159
22	0'7	214	249	277	295	329	376	418	474	562	618
	1'0	167	195	216	220	257	294	326	370	438	482
	1'3	137	160	177	189	210	241	267	303	359	395
	1'7	119	139	154	164	183	209	233	264	312	344
	2'2	105	122	136	145	161	184	205	232	275	303
	2'7	92	107	119	127	142	162	180	204	242	266

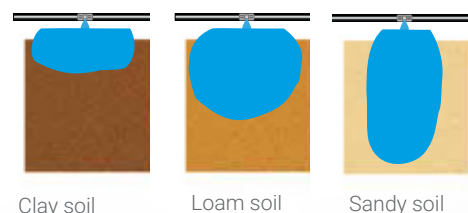
RECOMMENDED SEPARATION BETWEEN EMITTERS

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



RECOMMENDED FITTINGS

TAPE-TAPE COUPLING

It guarantees the perfect junction between irrigation tape sections.



TAPE-PLUG COUPLING

End of tape with double disk to facilitate its installation and to join two ends guaranteeing the irrigation tape fixation.



(CONNECTIONS TO OTHER PIPING)

TUBE- TAPE COUPLING

It enables compatibility of multi-seasonal piping with the irrigation tape in the same installation



TAPE-SOCKET COUPLING

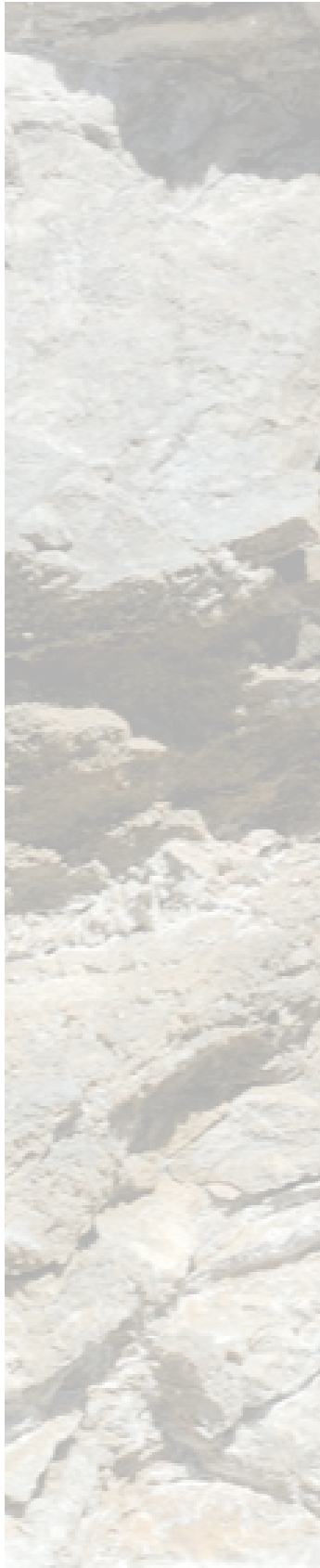
It connects the irrigation tape to any PE or PVC tertiary piping (By means of a monobial or bilabial grommet in case of PVC piping)



LAY-FLAT TAPE-SOCKET

It connects the irrigation tape to a flexible PVC flat hose.





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

www.gestiriego.com

Creando los caminos
del agua

