

LOGISTICAL DATA

Quantity of reels	Container 20'	Container 40' HC	Truck 13,6 m
	320 reels	720 reels	792 reels

Pallet	Quantity of reels	Dimensions
	36	230 x 115 x 115 cm

Design characteristics

- Before installation the irrigation water quality must be tested.
- The pumping system control valves must maintain desired pressure.
- In buried installations, it is very important to have air/vacuum relief valves to eliminate system vacuums and the entrance of any particles when the irrigation is finished.
- The laterals and zone pipes must be thoroughly flushed after installation and periodically during the irrigation season.



Use requirements

- Store reels in a covered place, protected from moistures and sunlight.
- Be careful with the tension on the drip line during installation.
- The emitter should be installed with the outlet facing up.
- Care must be taken during connecting to zone pipe to avoid kinking the tape.
- The system must be flushed during and at the end of the irrigation season to reduce the possibility of plugging.
- Depending on water quality, chemical treatments may be required to prevent plugging.



CHAMSA TAPE TITAN & MINI

Flat dip lines

+ Precision

High uniformity with very performant drippers, which give a higher turbulent flow.

+ Easy to use

White line to identify the dripper position.

+ Reliability

Produced with first class raw materials which provide high resistance to chemical products and mechanical damage.



Titan & Mini are produced with the most advanced technology and according to the highest quality levels.

It's characteristics allow to make an accessible investment with high performance.

Our dip products are used for agricultural and industrial crops as tomatoes, strawberries, peppers, melons, potato, pumpkin, lettuce, eggplant ...

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TITAN



Titan is produced in diameters 16 y 22 mm with thicknesses from 6 mil to 36 mil (0,15 to 0.90 mm), and flows of 0,8 1,3 1,6 2,4 and 3,8 lph.

OPTIONS

• Slope 0% (Pressure 1.0 bar)

Model	Flow l/h	Spacing	Flow l/m	Max length in meters		Filtration Mesh
				90%	85%	
T16xx1508-yy	0,8	15 cm	5,3	111	137	120
T16xx2008-yy	0,8	20 cm	4,0	143	176	
T16xx2508-yy	0,8	25 cm	3,2	172	212	
T16xx3008-yy	0,8	30 cm	2,7	200	246	
T16xx4008-yy	0,8	40 cm	2,0	252	310	
T16xx5008-yy	0,8	50 cm	1,6	300	369	
T16xx1513-yy	1,3	15 cm	8,7	87	104	120
T16xx2013-yy	1,3	20 cm	6,5	112	134	
T16xx2513-yy	1,3	25 cm	5,2	135	161	
T16xx3013-yy	1,3	30 cm	4,3	169	188	
T16xx4013-yy	1,3	40 cm	3,3	198	236	
T16xx5013-yy	1,3	50 cm	2,6	236	281	
T16xx1516-yy	1,6	15 cm	10,7	75	90	120
T16xx2016-yy	1,6	20 cm	8,0	97	116	
T16xx2516-yy	1,6	25 cm	6,4	117	140	
T16xx3016-yy	1,6	30 cm	5,3	147	163	
T16xx4016-yy	1,6	40 cm	4,0	171	205	
T16xx5016-yy	1,6	50 cm	3,2	204	244	
T16xx2524-yy	2,4	15 cm	16,0	55	67	120
T16xx2524-yy	2,4	20 cm	12,0	71	86	
T16xx2524-yy	2,4	25 cm	9,6	86	104	
T16xx2524-yy	2,4	30 cm	8,0	108	121	
T16xx2524-yy	2,4	40 cm	6,0	126	153	
T16xx2524-yy	2,4	50 cm	4,8	150	182	
T16xx1538-yy	3,8	15 cm	25,3	41	50	120
T16xx2038-yy	3,8	20 cm	19,0	52	64	
T16xx2538-yy	3,8	25 cm	15,2	63	77	
T16xx3038-yy	3,8	30 cm	12,7	80	97	
T16xx4038-yy	3,8	40 cm	9,5	93	113	
T16xx5038-yy	3,8	50 cm	7,6	111	135	

WORKING PRESSURE RANGES

Diameter	Thickness	Min pressure	Max pressure	Spacing	Reel length
16mm	6 mil [150mic]	0,4 bar	0,8 bar	15 cm	2400
				20 cm	2600
				25 cm	2600
				30 cm	2600
				40 cm	2600
8 mil [200mic]	0,4 bar	1 bar	15 cm	2100	
			20 cm	2300	
			25 cm	2300	
			30 cm	2300	
			40 cm	2300	

CODIFICATION

T 16 06 15 08 - 24

Identification code for Titan: T
 Nominal diameter in mm: 16mm
 Wall thickness in mil: 6 mil / 0,15 mm
 Spacing between drippers cm: 15cm
 Dripper flow: 08
 Reel length in meters / 100: 24

MINI



Mini is produced in diameters 16 y 22 mm with thicknesses from 6 mil and 8 mil (0,15 and 0.20 mm), and flows of 0,6 1 and 1,6 lph.

Mini uses smaller drippers that are convenient for one season crops.

OPTIONS

• Slope 0% (Pressure 1.0 bar)

Model	Flow l/h	Spacing	Flow l/m	Max length in meters		Filtration Mesh
				90%	85%	
M16xx1506-yy	0,6	15	4,0	204	226	120
M16xx2006-yy	0,6	20	3,0	236	262	
M16xx2506-yy	0,6	25	2,4	296	328	
T16xx3006-yy	0,6	30	2,0	351	389	
T16xx4006-yy	0,6	40	1,5	449	500	
M16xx5006-yy	0,6	50	1,2	473	525	
M16xx1510-yy	1,0	15	6,7	149	172	120
M16xx2010-yy	1,0	20	5,0	173	199	
M16xx2510-yy	1,0	25	4,0	216	249	
M16xx3010-yy	1,0	30	3,3	257	296	
M16xx4010-yy	1,0	40	2,5	329	380	
M16xx5010-yy	1,0	50	2,0	346	400	
M16xx1516-yy	1,6	15	10,7	80	93	120
M16xx2016-yy	1,6	20	8,0	92	107	
M16xx2516-yy	1,6	25	6,4	116	134	
M16xx3016-yy	1,6	30	5,3	138	160	
M16xx4016-yy	1,6	40	4,0	176	205	
M16xx5016-yy	1,6	50	3,2	186	215	

WORKING PRESSURE RANGES

Diameter	Thickness	Min pressure	Max pressure	Spacing	Reel length
16mm	6 mil [150mic]	0,4 bar	0,8 bar	15 cm	2800
				20 cm	3000
				25 cm	3000
				30 cm	3000
				40 cm	3000
8 mil [200mic]	0,4 bar	1 bar	15 cm	2500	
			20 cm	2700	
			25 cm	2700	
			30 cm	2700	
			40 cm	2700	

CODIFICATION

M 16 06 15 08 - 28

Identification code for Mini: M
 Nominal diameter in mm: 16mm
 Wall thickness in mil: 6 mil / 0,15 mm
 Spacing between drippers cm: 15cm
 Dripper flow: 08
 Reel length in meters / 100: 28