

# T-Tape Gaine Goutte à Goutte



## Suggestions d'utilisation T-Tape

**T-Tape Modèle 505** - Cultures à cycle court dans des sols bien travaillés contenant peu de résidus de la récolte précédente. Recommandé pour les cultures de fraises, de melons et d'oignons.

**T-Tape Modèle 506** - Sols peu travaillés, doubles cultures, sols de texture moyenne ou lorsque les cailloux et les résidus de la récolte précédente jouent un rôle. Souvent utilisé dans les cultures de tomates, de poivrons, de melons et de fraises.

**T-Tape Modèle 508/708** - Sols peu travaillés, doubles cultures, sols de texture plus lourde et où l'on souhaite bénéficier de davantage de résistance à l'abrasion et aux dommages causés par les insectes. Utilisé dans les cultures de poivrons, de tomates, de melons et de légumes.

**T-Tape Modèle 510/710** - Sols lourds ou rocailloux, avec une forte pression parasitaire ou destiné à être réutilisé pendant plusieurs saisons.

**T-Tape Modèle 515/715** - Sols lourds ou présentant un terrain plus accidenté où les insectes, voire les petits animaux, constituent un risque réel. Utilisé dans les cultures de canne à sucre, d'asperges et dans les applications SDI.

T-Tape est la solution répondant aux défis auxquels sont confrontés les agriculteurs. T-Tape a été développé pour satisfaire les besoins personnalisés des agriculteurs.

Étant l'une des marques de gaines d'irrigation goutte à goutte les plus reconnues et garanties dans le monde, T-Tape sert dans toute une série d'applications visant à réduire la consommation d'eau et à augmenter la qualité et les rendements des cultures. La gaine goutte à goutte T-Tape s'installe en surface, sous film plastique coloré, ou enterrée. Grâce à sa résistance mécanique, sa conception et aux normes qualité de production, T-Tape gagne, d'année en année, la fidélité de nouveaux utilisateurs.

T-Tape est disponible dans une large gamme de modèles, comprenant divers diamètres, épaisseurs, écartements des goutteurs et débits. Les agriculteurs ont à leur disposition des solutions répondant à leurs besoins pour les aider à tirer un maximum de bénéfices de leurs cultures.

## Longueurs de rampes (m) à E.U. 90%

Ecartement des goutteurs (cm)	(lph / 100m)	Emission Uniformité-Pression (0,55 bar)	0% Pente (m)
<b>16 mm</b>			
10	1350	90%	61
15	1000	90%	82
15	170	90%	203
20	500	90%	115
20	380	90%	138
20	250	90%	178
20	125	90%	245
30	340	90%	150
30	250	90%	180
30	170	90%	233
50	380	90%	140
<b>22 mm</b>			
20	500	90%	205
30	340	90%	265
30	250	90%	315



## Pression de fonctionnement par modèle

Modèles	Pression nominale (Bar)
505, 706, 707, 908	0,30 - 0,56
506, 708	0,30 - 0,70
508, 510, 512, 515	0,30 - 1,05
710, 712, 715	0,30 - 1,05

## Spécifications Produits

Diamètre / Epaisseur	Espacement des goutteurs (cm)	Débits (lph / 100m)	Longueur de bobine (m)
<b>16 mm - Séries 500</b>			
5 mil	10, 15, 20, 30	90, 125, 170, 250, 340, 380, 500, 750	3658, 3962
6 mil	10, 15, 20, 30, 40	125, 170, 250, 340, 380, 500, 750, 1000, 1350	3050
7 mil	10, 15, 20, 30	250, 500, 1000, 1350	1400, 2800
8 mil	10, 15, 20, 30, 40	125, 170, 190, 250, 340, 380, 500, 750, 1000, 1350	500, 1150, 2300
10 mil	10, 15, 20, 30, 40, 60, 90	170, 230, 250, 340, 380, 500, 750, 1000	1830
12 mil	12, 20, 30	250, 340, 500	1550
15 mil	20, 30, 40, 50	185, 250, 315, 340, 380, 500	1250
<b>22 mm - Séries 700</b>			
6 mil	15, 20, 25, 30	170, 250, 300, 340, 500	2250
7 mil	20, 30	250, 340, 500	1972
8 mil	20, 30	170, 250, 340, 380, 500	1695
10 mil	15, 20, 30	170, 250, 340, 380, 500	1220, 1340
12 mil	12, 20, 30	170, 250, 340, 500	1135
15 mil	20, 30, 40	170, 185, 210, 250, 315, 340	823, 915, 1585
<b>29 mm - Séries 900</b>			
8 mil	30	250	1700

Pression nominale recommandée : 0.55 bar

Débit par goutteur : 0.5 - 1.35 lph

THICK-WALLED PC FLAT DRIPLINE

# AmnonDrip PC, CNL & PC AS

**SAN ONNENS**



**Innovative, pressure-compensating (PC) dripline with special anti-syphon (AS) and compensating non-leakage (CNL) models. Cascade labyrinth feature incorporated in all drippers**

## APPLICATIONS

- Ideal solution for irrigation in topographically challenging terrain, and where long laterals are required
- CNL option for pulse irrigation of orchards, open field crops and greenhouses
- Subsurface Drip Irrigation (SDI), for accurate irrigation of orchards, open field crops and greenhouses

## STRUCTURE AND FEATURES

- Pressure-compensating (PC) enabling water application accuracy at variable topography and the installation of long laterals
- Efficient self-cleaning turbulence provided by the Cascade labyrinth
- Hydrodynamic dripper design ensures continuous flushing of sediments and small dirt particles
- Low CV for maximal uniformity
- Weir structure improves root intrusion resistance and sand suction
- 3D water inlet structure improves clog resistance
- High-quality silicon diaphragm
- Both carton and coil package options are available (see packing and shipping table)
- Colored cap facilitates easy identification of dripper models

## SPECIAL MODELS

- CNL: Pressure-compensating non-leakage design reduces lateral filling time and facilitates pulse irrigation
- PC AS: Pressure compensating anti-syphon design prevents suction at draining stage. Suitable for subsurface drip irrigation

### AmnonDrip PC



1.1, 1.6, 2.0, 2.2, 3.8 l/h

### AmnonDrip CNL



1.1, 1.6, 2.0, 2.2, 3.8 l/h

### AmnonDrip PC AS



1.1, 1.6, 2.0, 2.2, 3.8 l/h



## TECHNICAL DATA

- Flow rates: 1.1, 1.6, 2.0, 2.2, 3.8 l/h
- CNL: Opening pressure - 1 bar  
Closing pressure - 0.2 bar
- AS: Opening pressure - 0.5 bar
- Pressure regulating range:  
PC & AS models - 0.5-4.0 bar  
PC CNL - 1.0-4.0 bar
- Recommended filtration: 130 micron (120 mesh)

THICK-WALLED PC FLAT DRIPLINE

# AmnonDrip PC, CNL & PC AS

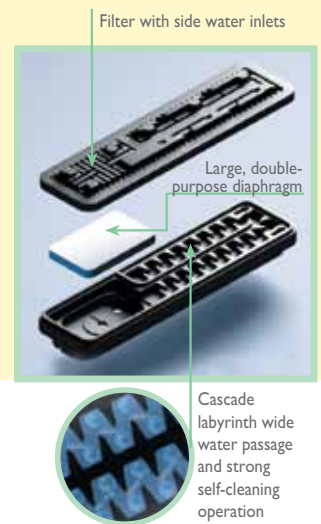
**TECHNICAL DATA**

Nominal diameter (mm)	Wall thickness		OD (mm)	ID (mm)	Maximum Pressure (bar)	KD	Connector type	
	(mm)	(mil)					Barb	Tape
16	0.63	25	15.16	13.9	2.5	0.92	●	
16	0.90	35	15.70	13.9	3.0	0.92	●	
16	1.00	39	15.90	13.9	3.5	0.92	●	
16	1.15	45	16.20	13.9	3.5	0.92	●	
17	0.63	25	16.90	15.6	2.5	0.75		●
17	0.90	35	16.20	14.4	3.0	0.75	●	
17	1.00	39	16.40	14.4	3.0	0.75	●	
17	1.20	47	17.00	14.4	3.5	0.75	●	
20	1.00	39	19.70	17.70	3.0	0.65	●	
20	1.20	47	20.10	17.70	3.5	0.65	●	
23	1.00	39	22.80	20.8	3.0	0.14		●

**TOP VIEW**



**BOTTOM VIEW**



**AMNONDRIP PACKAGING AND SHIPPING**

**Carton spools**

Nominal diameter (mm)	Wall thickness (mm)	Standard coil length (m)	Coils per 20 ft. container	Coils per 40 ft. container	Coils per 40 ft. HC container
16	0.63	600	320	640	720
16	0.90	400	320	640	720
16	1.00	400	320	640	720
17	0.63	600	320	640	720
17	0.90	400	320	640	720
17	1.00	400	320	640	720
20	0.90	300	320	640	720
20	1.00	300	320	640	720
23	1.00	300	320	640	720



**Coils**

Nominal diameter (mm)	Wall thickness (mm)	Standard coil length (m)	Coils per 20 ft. container	Coils per 40 ft. container	Coils per 40 ft. HC container
16	0.90	500	150	320	360
16	1.00	500	150	320	360
16	1.15	500	150	320	360
17	0.90	500	150	320	360
17	1.00	500	150	320	360
17	1.20	500	150	320	360
20	1.00	300	150	345	365
20	1.20	300	150	345	365

\* Dripper spacing can affect coil length.



Available also in brown, white, purple or any other color for a minimum order of 40K m



THICK-WALLED PC FLAT DRIPLINE

# AmnonDrip 16mm



**HEAD LOSS (m) IN RELATION TO LATERAL LENGTH (m), DRIPPER FLOW RATE AND SPACING (cm)**

AmnonDrip 16, 1.1l/h, W.T 0.9-1.15mm, ID 13.9								AmnonDrip 16, 1.6l/h, W.T 0.9-1.15mm, ID 13.9								AmnonDrip 16, 2.0l/h, W.T 0.9-1.15mm, ID 13.9								AmnonDrip 16, 2.2l/h, W.T 0.9-1.15mm, ID 13.9								
Dripper spacing (cm)								Dripper spacing (cm)								Dripper spacing (cm)								Dripper spacing (cm)								
Lateral length(m)	20	30	40	50	60	70	100	Lateral length(m)	20	30	40	50	60	70	100	Lateral length(m)	20	30	40	50	60	70	100	Lateral length(m)	20	30	40	50	60	70	100	
20	0.2	0.1						20	0.3	0.1	0.1					20	0.4	0.2	0.1	0.1	0.1	0.1	0.1	20	0.5	0.2	0.1	0.1				
40	0.9	0.4	0.2	0.1	0.1	0.1		40	1.8	0.7	0.4	0.2	0.1	0.1	0.1	40	2.5	1	0.5	0.3	0.2	0.2	0.1	40	3	1.2	0.6	0.4	0.3	0.2	0.1	
60	2.8	1.1	0.6	0.3	0.2	0.2	0.1	60	5.2	2.1	1.1	0.6	0.4	0.3	0.1	60	7.4	2.9	1.6	1	0.7	0.5	0.3	60	9	3.6	1.9	1.1	0.7	0.5	0.3	
80	6	2.3	1.2	0.7	0.5	0.4	0.2	80	11.4	4.5	2.3	1.4	1	0.7	0.3	80	16.2	6.4	3.4	2.1	1.4	1	0.5	80	19.6	7.7	4.0	2.5	1.7	1.2	0.6	
100	11	4.3	2.2	1.4	0.9	0.6	0.3	100	20.8	8.2	4.3	2.6	1.7	1.2	0.6	100	25.8	11.8	6.2	3.8	2.6	1.9	0.9	100		14.2	7.4	4.5	3.1	2.2	1.1	
120	18	7.1	3.7	2.2	1.5	1.1	0.5	120		13.5	7	4.3	2.9	2.1	1	120		19.3	10.2	6.2	4.2	3	1.5	120		23.4	12.2	7.5	5.1	3.6	1.7	
140		10.7	5.6	3.4	2.3	1.6	0.8	140		20.4	10.7	6.5	4.4	3.1	1.5	140		25.6	15.6	9.5	6.4	4.7	2.2	140			18.6	11.4	7.7	5.5	2.7	
160		15.4	8	4.9	3.3	2.4	1.1	160			15.4	9.4	6.4	4.6	2.2	160			22.4	13.7	9.4	6.8	3.2	160				16.5	11.1	8.0	3.8	
180		21.2	11.1	6.8	4.6	3.3	1.5	180			21.2	13	8.8	6.4	3	180				19	12.9	9.3	4.4	180				22.8	15.5	11.2	5.3	
200			14.8	9	6.1	4	2.1	200				17.4	11.8	8.4	4	200					25.4	17.2	12.5	5.9	200					20.7	14.8	7.1
220			19.2	11.7	7.9	5.7	2.7	220				22.6	15.3	11	5.3	220						22.5	16.1	7.5	220						19.4	9.3
240			24.3	14.9	10.1	7.2	3.4	240					19.5	14	6.7	240							20.6	9.8	240						24.6	11.8
260				18.5	12.5	9	4.3	260					24.3	17.5	8.3	260							25.6	12.2	260							14.7
280				22.7	15.3	11.1	5.2	280						21.5	10.2	280									15	280						18.1
300					18.6	13.4	6.3	300						25.9	12.4	300									18.2	300						21.9
320					22.2	16	7.6	320							14.8	320									21.8	320						
340						18.9	9	340							17.5	340									25.8	340						
360						22.1	10.5	360							20.6	360																
380						25.6	12.2	380							23.9	380																
400							14.1																									
420							16.1																									
440							18.4																									
460							20.8																									
480							23.4																									

AmnonDrip 16, 3.8 l/h, 0.9-1.15mm, ID 13.9							
Dripper spacing (cm)							
Lateral length(m)	20	30	40	50	60	0.70	100
20	1.2	0.5	0.3	0.1	0.1	0.1	
40	7.7	3.0	1.6	1.0	0.7	0.5	0.2
60	22.9	9.2	4.8	2.9	2.0	1.4	0.7
80		19.9	10.4	6.4	4.4	3.2	1.5
100			19.2	11.8	8.0	5.8	2.8
120				19.5	13.3	9.6	4.6
140					20.3	14.5	7.1
160						21.2	10.2
180							14.1
200							18.9
220							
240							
260							
280							
300							

THICK-WALLED PC FLAT DRIPLINE

# AmnonDrip 17mm - W.T 0.63mm



## HEAD LOSS (m) IN RELATION TO LATERAL LENGTH (m), DRIPPER FLOW RATE AND SPACING (cm)

AmnonDrip 17, 1.1l/h, W.T 0.63mm, ID 15.6									AmnonDrip 17, 1.6l/h, W.T 0.63mm, ID 15.6									AmnonDrip 17, 2.0l/h, W.T 0.63mm, ID 15.6									AmnonDrip 17, 2.2l/h, W.T 0.63mm, ID 15.6								
Dripper spacing (cm)									Dripper spacing (cm)									Dripper spacing (cm)									Dripper spacing (cm)								
Lateral length(m)	20	30	40	50	60	70	100		Lateral length(m)	20	30	40	50	60	70	100		Lateral length(m)	20	30	40	50	60	70	100		Lateral length(m)	20	30	40	50	60	70	100	
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1		20	0.2	0.1	0.1	0.1	0.1	0.1	0.1		20	0.3	0.1	0.1	0.1	0.1	0.1	0.1		20	0.3	0.2	0.1	0.1	0.1	0.1	0.1	
40	0.6	0.3	0.2	0.1	0.1	0.1	0.1		40	1.1	0.5	0.3	0.2	0.1	0.1	0.1		40	1.6	0.7	0.4	0.2	0.2	0.1	0.1		40	1.9	0.8	0.4	0.3	0.2	0.2	0.1	
60	1.8	0.7	0.4	0.3	0.2	0.2	0.1		60	3.6	1.3	0.7	0.4	0.3	0.2	0.1		60	4.6	1.9	1	0.6	0.4	0.3	0.2		60	5.4	2.2	1.2	0.7	0.5	0.4	0.2	
80	3.8	1.5	0.8	0.5	0.4	0.3	0.2		80	6.9	2.8	1.5	0.9	0.6	0.5	0.2		80	9.9	4	2.1	1.3	0.9	0.7	0.3		80	11.5	4.7	2.5	1.5	1.1	0.8	0.4	
100	6.8	2.7	1.4	0.9	0.6	0.5	0.2		100	12.4	5	2.7	1.6	1.1	0.8	0.4		100	17.9	7.2	3.8	2.4	1.6	1.2	0.6		100	20.3	8.5	4.5	2.8	1.9	1.4	0.7	
120	10.9	4.4	2.3	1.4	1	0.7	0.4		120	20.1	8.1	4.3	2.6	1.8	1.3	0.6		120		11.7	6.2	3.8	2.6	1.9	0.9		120		13.7	7.3	4.5	3.1	2.2	1.1	
140	16.4	6.6	3.5	2.1	1.5	1.1	0.5		140		12.2	6.5	4	2.7	2	0.9		140		17.7	9.4	5.8	3.9	2.9	1.4		140		20.5	11	6.8	4.6	3.4	1.6	
160		9.4	5	3	2.1	1.5	0.7		160		17.4	9.3	5.7	3.9	2.8	1.3		160			13.5	8.3	5.7	4.1	2		160			15.8	9.7	6.7	4.8	2.3	
180		12.8	6.8	4.2	2.8	2	1		180			12.7	7.8	5.3	3.8	1.8		180			18.5	11.4	7.8	5.6	2.7		180				13.4	9.2	6.6	3.2	
200			17	9	5.5	3.8	2.7	1.3	200			16.9	10.4	7.1	5.1	2.4		200				15.2	10.3	7.5	3.6		200				17.8	12.1	8.8	4.2	
220				11.6	7.1	4.9	3.5	1.7	220				13.4	9.2	6.6	3.1		220				19.6	13.4	9.7	4.6		220					15.8	11.4	5.4	
240				14.7	9	6.1	4.4	2.1	240				17	11.6	8.4	4		240					17	12.3	5.9		240					20	14.5	6.9	
260				18.2	11.2	7.6	5.5	2.6	260					14.4	10.4	5		260							15.3	7.3	260							18.5	8.6
280					13.6	9.3	6.7	3.2	280					17.6	12.7	6.1		280							18.7	8.9	280								10.5
300					16.4	11.2	8.1	3.8	300						15.4	7.3		300								10.8	300								12.7
320					19.6	13.3	9.6	4.6	320						18.3	8.7		320								12.9	320								15.2
340						15.6	11.3	5.4	340							10.3		340								15.2	340								18
360						18.3	13.2	6.3	360							12.1		360								17.8	360								21
380							15.3	7.3	380							14		380																	
400							17.6	8.4	400							16.1		400																	
420							20.1	9.6	420							18.4		420																	
440								10.9	440							20.9		440																	
460								12.3	460									460																	
480								13.8	480									480																	
500								15.4	500									500																	

### AmnonDrip 17, 3.8l/h, W.T 0.63mm, ID 15.6

Dripper spacing (cm)								
Lateral length(m)	20	30	40	50	60	70	100	
20	0.7	0.3	0.2	0.1	0.1	0.1	0.1	
40	4.4	1.8	1	0.6	0.4	0.3	0.2	
60	13.1	5.3	2.8	1.8	1.2	0.9	0.4	
80		11.5	6.1	3.8	2.6	1.9	0.9	
100		20.8	11.2	6.9	4.8	3.4	1.6	
120			18.3	11.3	7.8	5.6	2.7	
140				17.2	11.8	8.5	4.1	
160					17	12.4	5.9	
180						16.9	8.1	
200							10.9	
220							14.1	
240							17.9	

THICK-WALLED PC FLAT DRIFLINE

# AmnonDrip 17mm - W.T 0.9-1.2mm



**HEAD LOSS (m) IN RELATION TO LATERAL LENGTH (m), DRIPPER FLOW RATE AND SPACING (cm)**

**AmnonDrip 17, 1.1l/h, W.T 0.9-1.2mm, ID 14.4**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	0.7	0.3	0.1	0.1	0.1		
60	2	0.8	0.4	0.3	0.2	0.1	0.1
80	4.3	1.7	0.9	0.6	0.4	0.3	0.1
100	7.8	3.2	1.7	1	0.7	0.5	0.2
120	12.7	5.2	2.7	1.7	1.2	0.8	0.4
140	19.1	7.8	4.2	2.6	1.8	1.3	0.6
160		11.2	6	3.7	2.5	1.8	0.9
180		15.3	8.2	5.1	3.5	2.5	1.2
200		20.4	11	6.8	4.7	3.4	1.6
220			14.2	8.8	6	4.4	2.1
240			18	11.2	7.7	5.6	2.7
260			22.4	14	9.6	7	3.4
280				17.1	11.7	8.5	4.1
300				20.7	14.2	10.3	5
320				24.6	16.9	12.3	6
340					20	14.5	7.1
360					23.3	17	8.3
380						19.7	9.6
400						22.8	11.1
420							12.7
440							14.4
460							16.3
480							18.4
500							20.6

**AmnonDrip 17, 1.6l/h, W.T 0.9-1.2mm, ID 14.4**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	1.3	0.5	0.3	0.2	0.1	0.1	
60	3.7	1.5	0.8	0.5	0.3	0.2	0.1
80	8	3.3	1.7	1.1	0.7	0.5	0.3
100	14.6	6	3.2	2	1.3	1	0.5
120	23.7	9.8	5.2	3.2	2.2	1.6	0.8
140		14.8	7.9	4.9	3.4	2.4	1.2
160		21.2	11.4	7.1	4.9	3.5	1.7
180			15.7	9.8	6.7	4.9	2.4
200			20.9	13.1	9	6	3.2
220				17	11.6	8.5	4.1
240				21.5	14.8	10.7	5.3
260					18.5	13.4	6.6
280					22.6	16.5	8
300						19.9	9.7
320						23.9	11.6
340							13.8
360							16.1
380							18.7
400							21.6
420							24.7

**AmnonDrip 17, 2.0l/h, W.T 0.9-1.2mm, ID 14.4**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	1.8	0.8	0.4	0.3	0.2	0.2	0.1
60	5.2	2.1	1.2	0.7	0.5	0.4	0.2
80	11.1	4.6	2.5	1.6	1.1	0.8	0.4
100	20.2	8.5	4.6	2.9	2	1.5	0.7
120	25.5	13.8	7.5	4.7	3.2	2.4	1.2
140		20.9	11.4	7.1	4.9	3.6	1.8
160		25.6	16.3	10.2	7.1	5.2	2.5
180			22.5	14.1	9.8	7.1	3.5
200			25.7	18.8	13	9.5	4.6
220				24.5	17	12.3	6
240					21.5	15.7	7.7
260						19.7	9.6
280						24	11.7
300							14.2
320							17
340							20.1
360							23.6

**AmnonDrip 17, 2.2l/h, W.T 0.9-1.2mm, ID 14.4**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	2.2	0.9	0.5	0.3	0.2	0.1	0.1
60	6.3	2.6	1.4	0.9	0.6	0.4	0.2
80	13.7	5.6	3	1.9	1.3	0.9	0.5
100	24.9	10.3	5.5	3.4	2.3	1.7	0.8
120		16.8	9	5.6	3.9	2.8	1.4
140		25.4	13.7	8	5.9	4.3	2.1
160			19.7	12.4	8.5	6.2	3
180				17.1	11.8	8.6	4.2
200				22.8	15.7	11.4	5.6
220					20.4	14.9	7.3
240						18.8	9.3
260						23.6	11.6
280							14.2
300							17.2
320							20.5
340							24.3

**AmnonDrip 17mm, 3.8 l/h, W.T 0.9-1.2mm, ID 14.4**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	1	0.4	0.2	0.1	0.1	0.1	
40	6.5	2.5	1.3	0.7	0.5	0.4	0.2
60	19.2	7.4	3.8	2.2	1.5	1	0.5
80		15.8	8.1	4.8	3.2	2.3	1.1
100			14.7	8.8	5.9	4.2	1.9
120			24.1	14.5	9.8	6.9	3.2
140				22.1	14.8	10.4	4.9
160					21.2	15.1	7
180						20.9	9.7
200							12.9
220							16.8
240							21.3

THICK-WALLED PC FLAT DRIFLINE

# AmnonDrip 20mm



## HEAD LOSS (m) IN RELATION TO LATERAL LENGTH (m), DRIPPER FLOW RATE AND SPACING (cm)

AmnonDrip 20, 1.1l/h, W.T 1.0-1.2mm, ID 17.7								AmnonDrip 20, 1.6l/h, W.T 1.0-1.2mm, ID 17.7								AmnonDrip 20, 2.0l/h, W.T 1.0-1.2mm, ID 17.7								AmnonDrip 20, 2.2l/h, W.T 1.0-1.2mm, ID 17.7							
Dripper spacing (cm)								Dripper spacing (cm)								Dripper spacing (cm)								Dripper spacing (cm)							
Lateral length(m)	20	30	40	50	60	70	100	Lateral length(m)	20	30	40	50	60	70	100	Lateral length(m)	20	30	40	50	60	70	100	Lateral length(m)	20	30	40	50	60	70	100
40	0.5	0.2	0.1	0.1	0.1			40	0.9	0.4	0.2	0.1	0.1	0.1		40	1.1	0.5	0.3	0.2	0.1	0.1	0.1	40	1.3	0.6	0.3	0.2	0.1	0.1	0.1
60	1.3	0.6	0.3	0.2	0.1	0.1	0.1	60	2.1	1	0.5	0.3	0.2	0.2	0.1	60	2.8	1.3	0.7	0.5	0.4	0.3	0.1	60	3.2	1.5	0.8	0.5	0.4	0.3	0.1
80	2.6	1.1	0.6	0.4	0.3	0.2	0.1	80	4.1	1.8	1	0.7	0.5	0.3	0.2	80	5.5	2.5	1.4	0.9	0.7	0.5	0.3	80	6.3	2.8	1.6	1	0.7	0.5	0.3
100	4.3	1.9	1.1	0.7	0.5	0.3	0.2	100	6.9	3.1	1.7	1.1	0.8	0.6	0.3	100	9.2	4.2	2.4	1.5	1.1	0.8	0.4	100	10.7	4.8	2.7	1.7	1.2	0.9	0.5
120	6.5	2.9	1.6	1	0.7	0.5	0.3	120	10.7	4.8	2.7	1.7	1.2	0.9	0.4	120	14.4	6.4	3.7	2.4	1.7	1.2	0.6	120	16.6	7.5	4.2	2.7	1.9	1.4	0.7
140	9.2	4.1	2.3	1.5	1	0.8	0.4	140	15.4	6.9	3.9	2.5	1.8	1.3	0.7	140	20.7	9.3	5.3	3.4	2.4	1.8	0.9	140	24	10.8	6.1	4	2.8	2.1	1
160	12.7	5.6	3.2	2	1.4	1.1	0.5	160	21.2	9.5	5.4	3.5	2.4	1.8	0.9	160	25.7	12.9	7.4	4.8	3.4	2.5	1.3	160		15	8.5	5.5	3.9	2.9	1.5
180	16.7	7.4	4.2	2.7	1.9	1.4	0.7	180		12.6	7.2	4.6	3.3	2.4	1.2	180		17.3	9.9	6.4	4.5	3.3	1.7	180		20.1	11.4	7.4	5.2	3.9	2
200	21.4	9.6	5.4	3.5	2.4	1.8	0.9	200		16.3	9.3	6	4.2	3.1	1.6	200		22.5	12.8	8.3	5.8	4.4	2.2	200			14.9	9.6	6.8	5	2.5
220		12.1	6.8	4.4	3.1	2.3	1.1	220		20.7	11.7	7.6	5.3	4	2	220		25.6	16.3	10.5	7.5	5.5	2.8	220			18.9	12.3	8.6	6.4	3.2
240		14.8	8.4	5.4	3.8	2.8	1.4	240		25.6	14.6	9.4	6.6	4.9	2.5	240			20.3	13.1	9.3	6.9	3.5	240			23.6	15.3	10.8	8	4.1
260		18	10.2	6.6	4.6	3.4	1.7	260			17.8	11	8.1	6	3	260			24.8	16.1	11.3	8.5	3.9	260				18.8	13.2	9.8	5
280		21.6	12.3	7.9	5.5	4.1	2.1	280			21.4	13.9	9.7	7.3	3.6	280				19.4	13.7	10.2	5.1	280				22.7	16	11.9	6
300		25.6	14.5	9.4	6.6	4.9	2.4	300			25.5	16.5	11.6	8.6	4.3	300				23.2	16.4	12.2	6.1	300					19.2	14.2	7.2
320			17.1	11	7.7	5.7	2.9	320				19.4	13.7	10.2	5.1	320				25.4	19.3	14.4	7.2	320					22.6	16.8	8.5
340			19.9	12.8	9	6.7	3.3	340				22.7	16	11.9	6	340					22.4	16.8	8.5	340					19.7	10	
360			22.9	14.8	10.4	7.7	3.9	360				18.5	13.8	6.9		360				25.2	19.5	9.8		360					22.9	11.6	
380				16.9	11.9	8.8	4.4	380				21.3	15.8	8		380					22.5	11.3		380					13.4		
400				19.3	13.5	10	5	400				24.2	18	9.1		400					25.6	13		400					15.3		
420				21.8	15.3	11.4	5.7	420					20.5	10.3		420						14.7		420					17.4		
440				24.5	17.2	12.8	6.4	440					23.1	11.7		440						16.6		440					19.7		
460					19.3	14.3	7.2	460					25.9	13.1		460						18.7		460					22.1		
480					21.5	15.9	8	480						14.7		480						21		480					24.8		
500					23.9	17.7	8.9	500						16.3		500						23.3		500							

AmnonDrip 20, 3.8 l/h, W.T 1.0-1.2mm, ID 17.7							
Dripper spacing (cm)							
Lateral length(m)	20	30	40	50	60	70	100
20	0.5	0.2	0.1	0.1	0.1		
40	2.6	1.2	0.7	0.4	0.3	0.2	0.1
60	6.8	3.1	1.7	1.1	0.8	0.6	0.3
80	13.5	6.1	3.5	2.2	1.6	1.2	0.6
100	23.3	10.6	6	3.9	2.7	2	1
120		16.6	9.4	6.1	4.4	3.2	1.6
140		24.4	13.9	9.1	6.4	4.7	2.4
160			19.6	12.7	9	6.7	3.4
180			26.5	17.2	12.2	9.1	4.6
200				22.6	16	11.9	6.1
220					20.5	15.3	7.8
240					25.9	19.2	9.8
260						23.7	12.1
280							14.7
300							17.7
320							21
340							24.7





ON-LINE PC BUTTON DRIPPERS

# ClickTif HD



## Heavy Duty Pressure-Compensating (PC) & Compensating Non-Leakage (CNL) on-line Button Dripper

Taper lock outlet

Barb outlet 3/5



### APPLICATIONS

- Greenhouses, nurseries, orchards, Vineyards, landscapes and garden plots
- Pulse irrigation and irrigation in soilless conditions
- Prevents surplus drainage in low places (CNL model)

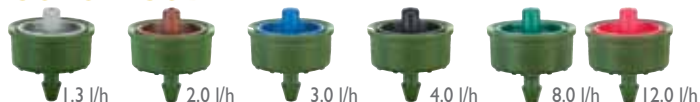
### STRUCTURE AND FEATURES

- Heavy Duty range of drippers and accessories in various configurations
- Four dripper design elements minimize clogging:
  1. Protected water inlet
  2. Flushing mechanism of regulating diaphragm
  3. Strong turbulent flow in labyrinth enables continual cleaning and flushing
  4. Large water passages
- Color-coded for identification of discharge and model
- Standard 5 mm tapered outlet for working with connectors or barb outlet for 3/5 tube
- Chemical-resistant, high-grade plastic for precision and durability
- Two models available: PC and CNL (Compensating Non-Leakage)
- Unique "sharp edge" CNL design prevents dirt accumulation and ensures reliable operation under difficult conditions
- 6 different flow rates

### TECHNICAL DATA

- Nominal discharge: 1.3, 2.0, 3.0, 4.0, 8.0, 12.0 l/h
- Regulating pressure range: 0.5-4.0 bar
- Very low CV
- Minimum recommended working pressure 1.0 Bar
- Non-Leakage (CNL): - Opening pressure: 8.0 m  
- Closing pressure: 3.0 m
- Filtration Recommendation: 130 micron (120 mesh)

### COLOR CODE



Maximum recommended lateral length (m) on flat ground\*

Dripper flow rate (l/h)	Inlet pressure (m)	16mm ID - 13.4mm KD= 0.4					20mm ID - 17.0mm KD = 0.15				
		Dripper spacing (cm)									
		20	40	60	80	100	20	40	60	80	100
1.3	10	84	132	172	208	240	131	205	279	335	385
	15	107	169	219	264	305	167	260	340	410	474
	20	123	194	252	304	352	205	319	413	498	573
	25	137	215	279	337	389	212	334	433	523	603
	30	148	232	302	364	420	229	360	469	564	653
	35	157	247	322	388	448	244	383	499	602	695
2	10	64	100	130	157	180	125	195	255	306	357
	15	81	127	165	199	230	134	209	271	325	375
	20	91	146	191	230	266	145	227	295	356	412
	25	103	162	211	254	294	160	252	328	394	455
	30	111	172	223	268	310	173	272	353	427	493
	35	119	187	243	293	339	184	290	378	454	525
3	10	49	77	100	120	138	77	119	155	187	215
	15	62	97	127	153	177	97	152	197	238	275
	20	71	113	147	177	204	112	174	228	273	317
	25	79	125	162	195	226	123	192	252	303	350
	30	86	135	175	211	244	132	208	272	328	378
	35	91	143	187	225	260	142	222	289	348	403
4	10	41	61	82	99	115	63	98	128	155	179
	15	51	81	105	127	147	81	126	163	197	228
	20	59	91	121	146	169	92	145	188	227	262
	25	66	103	134	162	187	103	160	208	251	290
	30	71	111	145	175	202	111	173	225	272	314
	35	79	123	160	194	224	118	184	240	289	335
8	10	25	41	51	61	71	40	62	82	98	114
	15	33	51	67	81	91	52	80	104	125	145
	20	38	59	77	91	107	58	93	120	144	168
	25	42	65	85	103	119	65	102	133	160	180
	30	45	71	93	111	129	71	111	142	172	200
	35	49	75	98	119	137	75	117	152	183	212
12	10	19	31	40	48	56	31	47	63	75	87
	15	25	39	51	62	71	39	63	80	96	111
	20	29	45	59	71	83	45	70	91	112	129
	25	32	50	65	79	91	50	78	103	123	142
	30	34	55	71	85	99	54	84	110	133	153
	35	37	58	75	91	105	57	95	118	142	163
40	39	61	80	96	111	61	97	124	149	172	

\* Minimum pressure at lateral end: 0.5 bar for PC and 0.8 bar for CNL drippers  
 \*\* Lateral length exceeding 800 m is not recommended  
 \*\*\* It is better to restrict pressure losses in the lateral not to exceed 1.5 bar on a flat terrain

# ClickTif HD Accessories



Drop guide



Catalog no.  
802870

Straight labyrinth stake

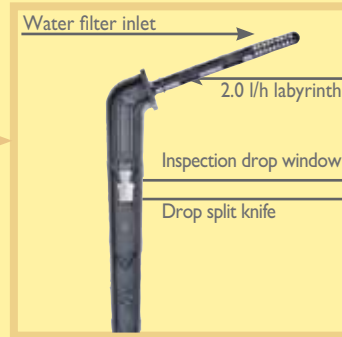


Catalog no.  
802800

Elbow labyrinth stake



Catalog no.  
802850



3/5 PVC or PE extension tube stabilizer stake



Stabilizer stake

Catalog no.  
6466040000

## DROP GUIDE

Use as single outlet for drop guide

## LABYRINTH STAKES

Can be used as an independent dripper or to stabilize flow rate at multiple outlets

### When working with multiple outlets:

1. Use labyrinth stakes to improve uniformity
2. Minimum recommended working pressure: 1 bar
3. Maximum recommended flow per outlet: 2.0 l/h
4. Minimum recommended flow per outlet:
  - Flat surface and uniform tube length - 0.5 l/h
  - On a slope or uneven elevation - 1.0 l/h

Recommended combinations:

Number of outlets	Dripper flow rate l/h					
	1.3	2	3	4	8	12
2	•	•	•	•	-	-
3	-	•	•	•	-	-
4	-	•	•	•	•	-
5	-	-	•	•	•	-
6	-	-	•	•	•	•

- Only on flat surface and with uniform tube length
- For all conditions, including slopes and uneven elevations

## 3/5 mm outlet connectors



Catalog no.  
802908

Catalog no.  
802920

Catalog no.  
802940



2, 4, 8 outlets with flow control stakes

## Multi-level connectors



Catalog no.  
802928

Catalog no.  
802948

## 2.5 mm Punch

Special design for comfortable punching and inserting of ClickTif drippers



Catalog no.  
897284

## FLOW RATE VS. PRESSURE

Pressure (m)	Flow rate (l/h)	
	Elbow labyrinth stake Catalog no. 802850	Straight labyrinth stake Catalog no. 802800
5	1.5	1.6
10	2.0	2.3
15	2.5	2.8
20	3.5	3.2



# Supertif ND/NDH Goutteur autorégulant anti-vidange



## Spécifications

Trois types de sorties :

Conique – pour adaptateurs 2 et 4 sorties

SLB – Sortie cannelée droite, compatible avec les microtubes 3x5 mm

SOL - Sortie cannelée angulaire (90°), compatible avec les microtubes 3x5 mm

Disponible en deux versions :

Supertif ND (anti-vidange)

Pression de fermeture : 0,15 bar

Plage de pression de service : 0,6-3,5 bars

Débits : 1,1, 2,2, 3,85, 7,8\* l/h

\* Seulement disponible avec la sortie conique droite

Supertif NDH (Anti-vidange haute pression)

Pression de fermeture : 0,35 bar

Plage de pression de service: 1,0-3,5 bars

Débits : 1,6, 3,1, 5,3, 8,0\*, 11,0\* l/h

Comme le goutteur standard Supertif, le Supertif ND (anti-vidange) et le Supertif NDH (anti-vidange, haute pression) donnent tous les deux des débits constants sur de longues rampes et sur terrains inclinés. Ces goutteurs sont aussi munis du mécanisme de nettoyage autonome permettant une remarquable protection contre le bouchage.

Les goutteurs Supertif ND/NDH ont la caractéristique supplémentaire des diaphragmes intégrés empêchant la vidange de l'eau lorsque le système est arrêté. Les goutteurs constituent un excellent choix pour l'irrigation par pulses et comme goutteur principal dans des arrosages en cercle.



## Longueur de rampe maximale recommandée (m) sur terrain plat

Code	Ecartement	Diamètre du tuyau (mm)			
		Ext.12 / Int. 9,8	Ext.16 / Int.13,6	Ext.17,8 / Int.15,2	Ext.20 / Int.17,4
Couleur	goutteurs	Pression d'entrée (bar)			
& Lph	(cm)				
		2,0	2,0	2,0	2,0
Gris 1,1 ND	20	52	105	135	182
	30	74	147	186	247
	40	114	184	232	305
Marron 2,2 ND	30	51	102	129	172
	50	79	152	191	249
	75	108	206	255	331
	100	135	253	312	402
Noir 3,85 ND	30	35	71	90	120
	50	55	106	133	174
	75	75	143	178	231
	100	94	176	218	281
Vert 7,8 ND	50	35	67	84	111
	75	48	91	113	147
	100	60	112	139	179
	125	70	131	161	208
Gris foncé 1,6 NDH	20	39	80	102	139
	30	56	112	141	189
	40	72	140	176	233
	50	88	168	211	277
Bleu 3,1 NDH	30	38	75	95	127
	50	58	112	140	184
	75	80	152	188	243
	100	99	186	230	296
Vert Clair 8,0 NDH	50	31	61	76	100
	75	43	82	102	133
	100	54	101	125	161
	125	64	119	146	188
Rouge 11,0 NDH	50	25	49	62	82
	75	35	67	83	108
	100	44	82	102	132
	125	53	96	119	153

\* Seulement disponible avec la sortie conique droite