

THICK-WALLED PC FLAT DRIPLINE

AmnonDrip PC, CNL & PC AS



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, 2.2, 3.8 l/h

AmnonDrip CNL



1.1, 1.6, 2.2, 3.8 l/h

AmnonDrip PC AS



1.1, 1.6, 2.2, 3.8 l/h



TECHNICAL DATA

- Flow rates: 1.1, 1.6, 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

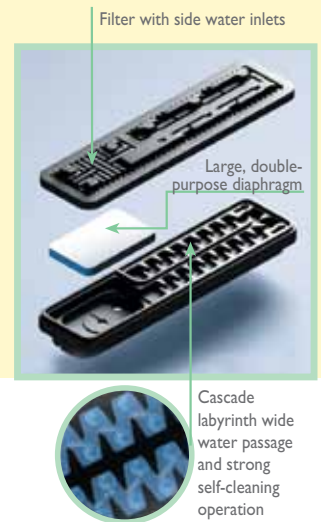
TECHNICAL DATA

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

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

* Dropper 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, 2.2l/h, W.T 0.9-1.15mm, ID 13.9								AmnonDrip 16, 3.8 l/h, 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	0.70	100	
20	0.2	0.1						20	0.3	0.1	0.1					20	0.5	0.2	0.1	0.1				20	1.2	0.5	0.3	0.1	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	3	1.2	0.6	0.4	0.3	0.2	0.1	40	7.7	3.0	1.6	1.0	0.7	0.5	0.2	
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	9	3.6	1.9	1.1	0.7	0.5	0.3	60	22.9	9.2	4.8	2.9	2.0	1.4	0.7	
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	19.6	7.7	4.0	2.5	1.7	1.2	0.6	80		19.9	10.4	6.4	4.4	3.2	1.5	
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		14.2	7.4	4.5	3.1	2.2	1.1	100			19.2	11.8	8.0	5.8	2.8	
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		23.4	12.2	7.5	5.1	3.6	1.7	120				19.5	13.3	9.6	4.6	
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			18.6	11.4	7.7	5.5	2.7	140				20.3	14.5	7.1		
160		15.4	8	4.9	3.3	2.4	1.1	160			15.4	9.4	6.4	4.6	2.2	160				16.5	11.1	8.0	3.8	160					21.2	10.2		
180		21.2	11.1	6.8	4.6	3.3	1.5	180			21.2	13	8.8	6.4	3	180				22.8	15.5	11.2	5.3	180						14.1		
200			14.8	9	6.1	4	2.1	200				17.4	11.8	8.4	4	200					20.7	14.8	7.1	200						18.9		
220				19.2	11.7	7.9	2.7	220				22.6	15.3	11	5.3	220						19.4	9.3	220								
240				24.3	14.9	10.1	3.4	240					19.5	14	6.7	240						24.6	11.8	240								
260					18.5	12.5	9	4.3	260					24.3	17.5	8.3	260							14.7	260							
280					22.7	15.3	11.1	5.2	280						21.5	10.2	280							18.1	280							
300						18.6	13.4	6.3	300						25.9	12.4	300							21.9	300							
320					22.2	16	7.6	320							14.8																	
340						18.9	9	340							17.5																	
360							22.1	10.5	360						20.6																	
380							25.6	12.2	380						23.9																	
400								14.1																								
420								16.1																								
440								18.4																								
460								20.8																								
480								23.4																								

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 0.63 mm, ID 15.6								AmnonDrip 17, 1.6l/h, W.T 0.63 mm, ID 15.6								AmnonDrip 17, 2.2l/h, W.T 0.63 mm, ID 15.6								AmnonDrip 17, 3.8l/h, W.T 0.63 mm, 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							20	0.1	0.0	0.0	0.0	0.0	0.0	0.0	20	0.2	0.1	0.0	0.0	0.0	0.0	0.0	20	0.6	0.2	0.1	0.1	0.0	0.0	0.0
40	0.4	0.1	0.1					40	0.8	0.3	0.1	0.1	0.1	0.0	0.0	40	1.6	0.6	0.3	0.2	0.1	0.1	0.0	40	4.5	1.6	0.8	0.5	0.3	0.2	0.1
60	1.3	0.5	0.2	0.1	0.1	0.1		60	2.8	1.0	0.5	0.3	0.2	0.1	0.1	60	5.1	1.8	0.9	0.5	0.3	0.2	0.1	60	15	5.2	2.6	1.5	1.0	0.7	0.3
80	3.1	1.1	0.5	0.3	0.2	0.1	0.1	80	6.4	2.3	1.1	0.7	0.4	0.3	0.1	80	12.0	4.2	2.1	1.2	0.8	0.6	0.3	80	35	12.2	5.9	3.4	2.3	1.6	0.7
100	6.0	2.1	1.0	0.6	0.4	0.3	0.1	100	12.4	4.4	2.1	1.3	0.8	0.6	0.3	100	23.2	8.1	4.0	2.3	1.5	1.1	0.5	100		23.5	11.3	6.6	4.3	3.0	1.4
120	10.2	3.6	1.8	1.0	0.7	0.5	0.2	120	21.3	7.4	3.6	2.1	1.4	1.0	0.4	120		13.8	6.7	3.9	2.6	1.8	0.8	120			19.4	11.2	7.3	5.1	2.3
140	16.2	5.7	2.8	1.6	1.1	0.8	0.3	140	33.6	11.7	5.7	3.3	2.2	1.5	0.7	140		21.8	10.6	6.2	4.0	2.8	1.3	140			30.4	17.6	11.5	8.0	3.6
160	24.0	8.4	4.1	2.4	1.6	1.1	0.5	160		17.4	8.5	4.9	3.2	2.3	1.0	160		32.3	15.6	9.1	5.9	4.2	1.9	160				26.0	16.9	11.8	5.3
180	33.9	11.8	5.8	3.4	2.2	1.6	0.7	180		24.5	11.9	7.0	4.5	3.2	1.4	180			22.1	12.8	8.3	5.9	2.6	180					23.8	16.6	7.4
200		16.2	7.9	4.6	3.0	2.1	1.0	200		33.4	16.2	9.5	6.2	4.3	2.0	200			30.0	17.4	11.4	7.9	3.6	200					32.4	22.5	10.1
220		21.4	10.4	6.1	4.0	2.8	1.3	220			21.5	12.5	8.1	5.7	2.6	220				23.0	15.0	10.5	4.7	220						29.8	13.3
240		27.6	13.4	7.8	5.1	3.6	1.6	240			27.7	16.1	10.5	7.3	3.3	240				29.7	19.3	13.5	6.0	240							17.1
260			17.0	9.9	6.5	4.5	2.0	260				20.3	13.2	9.3	4.2	260					24.4	17.0	7.6	260							21.5
280			21.1	12.3	8.0	5.6	2.5	280				25.3	16.4	11.5	5.2	280					30.2	21.1	9.4	280							26.7
300			25.8	15.0	9.8	6.9	3.1	300					20.0	14.0	6.3	300						25.8	11.5	300							
320				18.1	11.8	8.3	3.7	320					24.2	16.9	7.6	320							13.9	320							
340				21.7	14.1	9.9	4.4	340					28.9	20.2	9.1	340							16.6	340							
360				25.6	16.6	11.7	5.2	360						23.8	10.7	360							19.5	360							
380					19.5	13.6	6.1	380						27.9	12.5	380							22.9	380							
400					22.6	15.8	7.1	400							14.5	400							26.5	400							
420					26.1	18.3	8.2	420							16.7	420															
440						20.9	9.4	440							19.1	440															
460							23.8	10.7	460						21.7	460															
480							26.9	12.1	480						24.6	480															
500								13.6	500						27.6	500															

THICK-WALLED PC FLAT DRIPLINE

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								AmnonDrip 17, 1.6l/h, W.T 0.9-1.2mm, ID 14.4								AmnonDrip 17, 2.2l/h, W.T 0.9-1.2mm, ID 14.4								AmnonDrip 17mm, 3.8 l/h, W.T 0.9-1.2mm, ID 14.4							
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	0.7	0.3	0.1	0.1	0.1			40	1.3	0.5	0.3	0.2	0.1	0.1		40	2.2	0.9	0.5	0.3	0.2	0.1	0.1	20	1	0.4	0.2	0.1	0.1	0.1	
60	2	0.8	0.4	0.3	0.2	0.1	0.1	60	3.7	1.5	0.8	0.5	0.3	0.2	0.1	60	6.3	2.6	1.4	0.9	0.6	0.4	0.2	40	6.5	2.5	1.3	0.7	0.5	0.4	0.2
80	4.3	1.7	0.9	0.6	0.4	0.3	0.1	80	8	3.3	1.7	1.1	0.7	0.5	0.3	80	13.7	5.6	3	1.9	1.3	0.9	0.5	60	19.2	7.4	3.8	2.2	1.5	1	0.5
100	7.8	3.2	1.7	1	0.7	0.5	0.2	100	14.6	6	3.2	2	1.3	1	0.5	100	24.9	10.3	5.5	3.4	2.3	1.7	0.8	80		15.8	8.1	4.8	3.2	2.3	1.1
120	12.7	5.2	2.7	1.7	1.2	0.8	0.4	120	23.7	9.8	5.2	3.2	2.2	1.6	0.8	120		16.8	9	5.6	3.9	2.8	1.4	100			14.7	8.8	5.9	4.2	1.9
140	19.1	7.8	4.2	2.6	1.8	1.3	0.6	140		14.8	7.9	4.9	3.4	2.4	1.2	140		25.4	13.7	8	5.9	4.3	2.1	120			24.1	14.5	9.8	6.9	3.2
160		11.2	6	3.7	2.5	1.8	0.9	160		21.2	11.4	7.1	4.9	3.5	1.7	160			19.7	12.4	8.5	6.2	3	140				22.1	14.8	10.4	4.9
180		15.3	8.2	5.1	3.5	2.5	1.2	180			15.7	9.8	6.7	4.9	2.4	180				17.1	11.8	8.6	4.2	160					21.2	15.1	7
200		20.4	11	6.8	4.7	3.4	1.6	200			20.9	13.1	9	6	3.2	200				22.8	15.7	11.4	5.6	180						20.9	9.7
220			14.2	8.8	6	4.4	2.1	220				17	11.6	8.5	4.1	220						20.4	14.9	7.3	200						12.9
240			18	11.2	7.7	5.6	2.7	240				21.5	14.8	10.7	5.3	240							18.8	9.3	220						16.8
260			22.4	14	9.6	7	3.4	260					18.5	13.4	6.6	260							23.6	11.6	240						21.3
280				17.1	11.7	8.5	4.1	280					22.6	16.5	8	280								14.2	280						
300				20.7	14.2	10.3	5	300						19.9	9.7	300								17.2	300						
320				24.6	16.9	12.3	6	320						23.9	11.6	320								20.5	320						
340					20	14.5	7.1	340							13.8	340								24.3	340						
360					23.3	17	8.3	360							16.1	360									360						
380						19.7	9.6	380							18.7	380									380						
400						22.8	11.1	400							21.6	400									400						
420							12.7	420							24.7	420									420						
440							14.4	440								440									440						
460							16.3	460								460									460						
480							18.4	480								480									480						
500							20.6	500								500									500						

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, 2.2l/h, W.T 1.0-1.2mm, ID 17.7								AmnonDrip 20, 3.8 l/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	1.3	0.6	0.3	0.2	0.1	0.1	0.1	20	0.5	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	3.2	1.5	0.8	0.5	0.4	0.3	0.1	40	2.6	1.2	0.7	0.4	0.3	0.2	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	6.3	2.8	1.6	1	0.7	0.5	0.3	60	6.8	3.1	1.7	1.1	0.8	0.6	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	10.7	4.8	2.7	1.7	1.2	0.9	0.5	80	13.5	6.1	3.5	2.2	1.6	1.2	0.6
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	16.6	7.5	4.2	2.7	1.9	1.4	0.7	100	23.3	10.6	6	3.9	2.7	2	1
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	24	10.8	6.1	4	2.8	2.1	1	120	16.6	9.4	6.1	4.4	3.2	1.6	
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	15	8.5	5.5	3.9	2.9	1.5		140	24.4	13.9	9.1	6.4	4.7	2.4	
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	20.1	11.4	7.4	5.2	3.9	2		160	19.6	12.7	9	6.7	3.4		
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	14.9	9.6	6.8	5	2.5			180	26.5	17.2	12.2	9.1	4.6		
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	18.9	12.3	8.6	6.4	3.2			200	22.6	16	11.9	6.1			
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	23.6	15.3	10.8	8	4.1			220		20.5	15.3	7.8			
260	18	10.2	6.6	4.6	3.4	1.7		260	17.8	11	8.1	6	3			260	18.8	13.2	9.8	5				240		25.9	19.2	9.8			
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	22.7	16	11.9	6				260		23.7	12.1				
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	19.2	14.2	7.2					280		14.7					
320	17.1	11	7.7	5.7	2.9			320	19.4	13.7	10.2	5.1				320	22.6	16.8	8.5					300		17.7					
340	19.9	12.8	9	6.7	3.3			340	22.7	16	11.9	6				340	19.7	10						320		21					
360	22.9	14.8	10.4	7.7	3.9			360	18.5	13.8	6.9					360	22.9	11.6						340		24.7					
380	16.9	11.9	8.8	4.4				380	21.3	15.8	8					380															
400	19.3	13.5	10	5				400	24.2	18	9.1					400															
420	21.8	15.3	11.4	5.7				420	20.5	10.3						420															
440	24.5	17.2	12.8	6.4				440	23.1	11.7						440															
460	19.3	14.3	7.2					460	25.9	13.1						460															
480	21.5	15.9	8					480	14.7							480															
500	23.9	17.7	8.9					500	16.3							500															

THICK-WALLED PC FLAT DRIPLINE

AmnonDrip 23mm



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

AmnonDrip 23, 1.1 l/h, W.T 1.00mm, ID 20.8								AmnonDrip 23 1.6l/h, W.T 1.00mm, ID 20.8								AmnonDrip 23 2.2l/h, W.T 1.00mm, ID 20.8								AmnonDrip 23 3.8l/h, W.T 1.00mm, ID 20.8								
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	0.2	0.1						40	0.2	0.1	0.1					40	0.4	0.2	0.1	0.1				20	0.2	0.1						
60	0.4	0.2	0.1	0.1				60	0.6	0.3	0.2	0.1	0.1	0.1		60	0.9	0.4	0.3	0.2	0.1	0.1		40	0.7	0.4	0.2	0.1	0.1	0.1		
80	0.7	0.3	0.2	0.1	0.1	0.1		80	1.2	0.5	0.3	0.2	0.1	0.1	0.1	80	1.8	0.9	0.5	0.3	0.2	0.2	0.1	60	2	1	0.6	0.4	0.3	0.2	0.1	
100	1.2	0.6	0.3	0.2	0.1	0.1	0.1	100	2	0.9	0.5	0.4	0.3	0.2	0.1	100	3.2	1.5	0.9	0.6	0.4	0.3	0.2	80	4.2	2	1.1	0.7	0.5	0.4	0.2	
120	1.8	0.9	0.5	0.3	0.2	0.2	0.1	120	3.1	1.5	0.8	0.6	0.4	0.3	0.2	120	5	2.4	1.4	0.9	0.6	0.5	0.3	100	7.4	3.5	2	1.3	0.9	0.7	0.4	
140	2.7	1.2	0.7	0.5	0.3	0.2	0.1	140	4.6	2.1	1.2	0.8	0.6	0.4	0.2	140	7.4	3.5	2	1.3	1	0.7	0.4	120	11.9	5.6	3.2	2.1	1.5	1.2	0.6	
160	3.7	1.7	1	0.7	0.5	0.3	0.2	160	6.4	3	1.7	1.1	0.8	0.6	0.3	160	10.5	4.9	2.9	1.9	1.3	1	0.5	140	17.8	8.4	4.9	3.2	2.3	1.7	0.9	
180	4.9	2.3	1.3	0.9	0.6	0.5	0.2	180	8.7	4	2.3	1.5	1.1	0.8	0.4	180	14.2	6.6	3.9	2.5	1.8	1.4	0.7	160	25.5	11.9	7	4.6	3.3	2.5	1.3	
200	6.4	3	1.7	1.1	0.8	0.6	0.3	200	11.3	5.3	3.1	2	1.4	1.1	0.6	200	18.7	8.8	5.1	3.4	2.4	1.8	0.9	180		16.3	9.5	6.3	4.5	3.4	1.8	
220	8.1	3.8	2.2	1.4	1	0.8	0.4	220	14.4	6.7	3.9	2.6	1.8	1.4	0.7	220	24	11.2	6.5	4.3	3.1	2.3	1.2	200		21.7	12.6	8.3	6	4.5	2.3	
240	10.1	4.7	2.7	1.8	1.3	1	0.5	240	18.1	8.4	4.9	3.2	2.3	1.7	0.9	240		14.1	8.2	5.4	3.9	2.9	1.5	220			16.4	10.8	7.7	5.8	3	
260	12.3	5.7	3.3	2.2	1.6	1.2	0.6	260	22.2	10.4	6	4	2.8	2.1	1.1	260		17.5	10.2	6.7	4.8	3.6	1.9	240			20.7	13.7	9.8	7.3	3.8	
280	14.9	7	4	2.7	1.9	1.4	0.7	280		12.6	7.3	4.8	3.4	2.6	1.3	280		21.3	12.4	8.2	5.8	4.4	2.3	260				17	12.1	9.1	4.7	
300	17.8	8.3	4.8	3.2	2.3	1.7	0.9	300		15.1	8.8	5.8	4.1	3.1	1.6	300		25.6	14.9	9.8	7	5.3	2.7	280				20.8	14.8	11.2	5.8	
320	21	9.8	5.7	3.7	2.7	2	1	320		17.9	10.5	6.9	4.9	3.7	1.9	320			17.8	11.7	8.4	6.3	3.2	300					25.1	18	13.5	7
340	24.5	11.5	6.7	4.4	3.1	2.3	1.2	340		21	12.3	8.1	5.8	4.3	2.2	340			21	13.8	9.8	7.4	3.8	320								
360		13.3	7.8	5.1	3.6	2.7	1.4	360		24.4	14.3	9.4	6.7	5	2.6	360			24.5	16.1	11.4	8.6	4.5	340								
380		15.3	8.9	5.9	4.2	3.1	1.6	380			16.5	10.9	7.7	5.8	3	380				18.6	13.3	9.9	5.2	360								
400		17.5	10.2	6.7	4.8	3.6	1.8	400			18.9	12.5	8.9	6.7	3.4	400				21.4	15.2	11.5	5.9	380								
420		19.8	11.6	7.6	5.4	4.1	2.1	420			21.6	14.2	10.1	7.6	3.9	420				24.4	17.4	13.1	6.8	400								
440		22.4	13.1	8.6	6.1	4.6	2.4	440			24.5	16.1	11.5	8.6	4.4	440					19.8	14.8	7.7	420								
460		25.22	14.7	9.7	6.9	5.2	2.7	460				18.1	12.9	9.7	5	460					22.3	16.8	8.7	440								
480			16.5	10.8	7.7	5.8	3	480				20.3	14.5	10.9	5.6	480					25	18.8	9.7	460								
500			18.4	12.1	8.6	6.5	3.3	500				22.7	16.2	12.2	6.3	500						21.1	10.9	480								