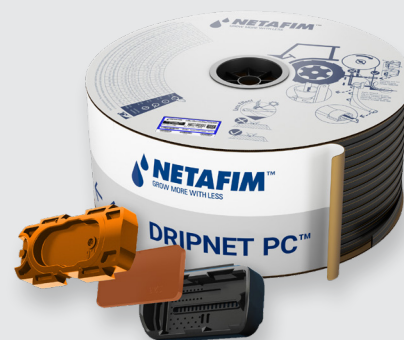


DripNet PC™ AS XR MWD

Compact pressure-compensated dripper with continuous self-flushing and an anti-siphon (AS) mechanism and enhanced root intrusion protection (XR). For semi-permanent and multi-season drip irrigation applications. Its compact design enables a wide range of dripline configurations while maintaining reliable hydraulic performance, even in complex topographies.



Benefits & Features

Uniform water distribution	Ensures precise, uniform discharge across a broad pressure range, delivering consistent water and nutrient application along the entire dripline length.
Prevents suction (AS)	The integrated anti-siphon (AS) mechanism prevents the suction of contaminants into the dripper, making it especially suitable for sub-surface applications.
Enhanced root intrusion resistance (XR)	Provides active root intrusion protection through a patented root-inhibiting barrier integrated into the dripper cover. Delivers long-term performance through non-migrating active ingredients, reducing reliance on chemical root control methods.
Long-lasting, high clogging resistance	Ensures reliable performance through a self-cleaning labyrinth that continuously flushes debris during operation. The advanced dripper structure is designed to help reduce the risk of root intrusion into the flow path, ensuring long-term system durability. A large filtration area reduces the risk of suspended particle ingress, ensuring dependable performance across a wide range of water quality levels. The TurboNet™ labyrinth features wide, deep flow passages with large cross-sections that enhance clogging resistance. Water is drawn from the center of the flow stream, further minimizing particle ingress.
Guided installation orientation	Dual orange stripes indicate the dripper position, enabling quick and accurate installation. Installing the dripper facing upwards helps reduce sediment accumulation away from the inlet, improving long-term performance and reliability.

Applications



Open field



Orchards



Protected crops

- Suitable for sub-surface installation across a wide range of field conditions.
- Delivers uniform hydraulic performance on flat terrain, sloping fields and variable topographies.
- Ideal for precision irrigation in applications where water supply is restricted due to hydraulic limitations or crop requirements, and where there is a potential risk of root intrusion.

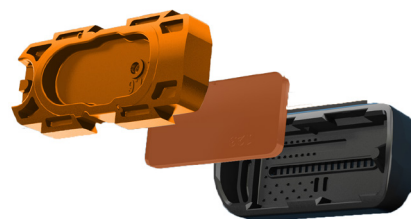


Specifications

- Pressure-compensated operating range as shown in the table below.
- Filtration requirements: Filtration level depends on the dripper flow rate and must be selected according to the type and concentration of particles in the water. When sand content exceeds 2 ppm, a Hydrocyclone must be installed upstream of the main filter. For sand/silt/clay solids above 100 ppm, apply pre-treatment in line with Netafim™ expert guidelines.
- TurboNet™ labyrinth with extra-wide flow passages for enhanced clogging resistance.
- Weldable into medium-wall driplines: 0.50, 0.63 and 0.80 mm.
- Injection-molded dripper with ultra-low coefficient of variation (CV) and an injection-molded silicone diaphragm for exceptional uniformity and long-term performance.
- High UV resistance and fully compatible with standard agricultural nutrients and fertilizers.
- Fully compliant with ISO 9261 international manufacturing and performance standards.
- Driplines are black with two orange stripes.

Drippers technical data

Flow rate* (l/h)	Working pressure range (bar)	Water passages dimensions width-depth-length (mm x mm x mm)	Filtration area (mm²)	Constant K	Exponent* X	Recommended filtration (micron)/(mesh)
0.60	0.25 - 2.5	0.52 x 0.60 x 22	39	0.6	0	130/120
1.00	0.40 - 3.0	0.61 x 0.60 x 8	39	1.0	0	130/120
1.60	0.40 - 3.0	0.76 x 0.73 x 8	39	1.6	0	200/80
2.00	0.40 - 3.5	0.76 x 0.88 x 8	39	2.0	0	200/80
3.00	0.40 - 3.5	1.02 x 0.88 x 8	39	3.0	0	200/80
3.50	0.60 - 3.5	1.02 x 0.88 x 8	39	3.5	0	200/80
3.80	0.60 - 3.5	1.02 x 0.88 x 8	39	3.8	0	200/80



* Within working pressure range.

Both the K constant and the X exponent are fundamental hydraulic parameters used to calculate the actual flow rate of each dripper at a given operating pressure (within its specified working range), as detailed in the following pages.

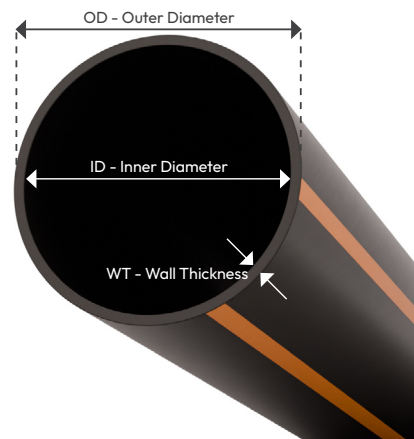
Driplines technical data

Model	Inner diameter (mm)	Wall thickness (mil) / (mm)	Outer diameter (mm)	Max. working pressure (bar)	Max. flushing pressure (bar)	Kd
12200	11.80	20 / 0.50	12.80	3.0	3.9	1.35
12250	11.80	25 / 0.63	13.06	3.0	3.9	1.35
16200	15.50	20 / 0.50	16.50	2.5	3.3	0.55
16250	15.50	25 / 0.63	16.76	2.8	3.6	0.55
16008	14.20	32 / 0.80	15.80	3.0	3.9	0.72
22200	22.20	20 / 0.50	23.20	2.1	2.7	0.18
22250	22.20	25 / 0.63	23.46	2.5	2.9	0.18

* The maximum working pressure is defined by the dripper or by the dripline wall thickness.

Kd: An integral dripper installed inside the dripline creates a localized disturbance in the water flow, generating minor head losses (Kd) as its shape and volume partially obstruct the internal flow path. The lower the Kd value for a given inner diameter, the longer the driplines can be designed under similar operating conditions.

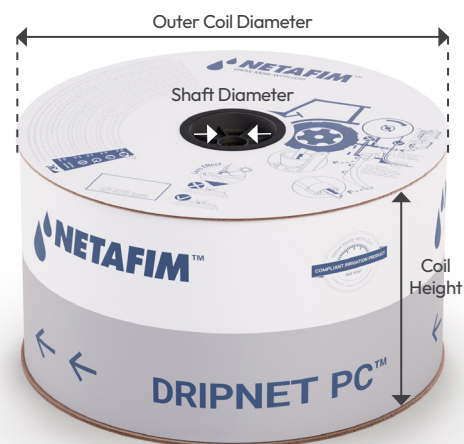
Max. flushing pressure: The maximum permissible flushing pressures shown in the table apply to continuous flushing cycles of up to 30 minutes, with the ends of at least five driplines opened for flushing.



Driplines package data (on carton coil)

Model	Wall thickness (mil) / (mm)	Distance between drippers (m)	Coil length (m)	Average* coil weight (kg)	Outer coil diameter (cm)	Shaft diameter (cm)	Coil height (cm)
12200	20 / 0.50	0.15 to 0.19	750	17.1	52.0	3.8	32.5
		0.20 to 0.25	850	17.4			
		0.30 to 1.00	850	16.9			
12250	25 / 0.63	0.15 to 0.19	650	19.5	52.0	3.8	32.5
		0.20 to 0.25	700	20.4			
		0.30 to 1.00	800	19.1			
16200	20 / 0.50	0.15 to 0.19	750	19.9	57.0	3.8	32.5
		0.20 to 0.25	800	19.6			
		0.30 to 1.00	850	19.1			
16250	25 / 0.63	0.15 to 0.19	750	26.5	57.0	3.8	32.5
		0.20 to 0.25	800	26.9			
		0.30 to 1.00	800	26.1			
16008	32 / 0.80	0.15 to 0.19	450	19.4	57.0	3.8	32.5
		0.20 to 0.25	500	21.0			
		0.30 to 1.00	500	21.0			
22200	20 / 0.50	0.15 to 0.19	700	18.3	57.0	3.8	32.5
		0.20 to 0.25	700	18.1			
		0.30 to 1.00	700	17.9			
22250	25 / 0.63	0.15 to 0.19	450	26.6	57.0	3.8	32.5
		0.20 to 0.25	500	28.0			
		0.30 to 1.00	500	27.4			

*Values shown are average weights and may vary due to dripper spacing and extrusion tolerances. Refer to the official Netafim™ disclaimers for details.



Driplines package data (on carton coil) within container

Model	Coil length (m)	Coils p/pallet (units)	Pallet dimensions (cm x cm x cm)	Average* pallet weight (kg)	Coils in a 40 foot container (units)	Total in a 40 foot container (m)
12200	750	12	109 x 109 x 110	215	480	360000
	850			219		408000
	850			213		408000
12250	650	12	109 x 109 x 110	244	480	312000
	700			255		336000
	800			239		384000
16200	750	12	109 x 109 x 110	249	480	360000
	800			245		384000
	850			239		408000
16250	750	12	109 x 109 x 110	328	480	360000
	800			333		384000
	800			323		384000
16008	450	12	109 x 109 x 110	243	480	216000
	500			262		240000
	500			262		240000
22200	700	12	109 x 109 x 110	230	480	336000
	700			227		336000
	700			224		336000
22250	450	12	109 x 109 x 110	329	480	216000
	500			346		240000
	500			339		240000

*Values shown are average weights and may vary due to dripper spacing and extrusion tolerances. Refer to the official Netafim™ disclaimers for details.

A standard 40-foot container has internal dimensions of 12.0 m (L) × 2.35 m (W) × 2.39 m (H). In certain cases, a 40-foot High Cube container may be used, providing an increased internal height of 2.69 m, allowing improved volume utilization depending on product configuration.



Catalog numbers

Because of the wide range of available configurations (different flow rates, emitter spacings, coil lengths and additional specifications), the final catalog number must be confirmed with your local Netafim™ representative after completing the product definition.

Complete the product specification using the options provided in the following flow chart.

How to use: Select one option from each category in the chart to define the most appropriate product configuration for your application.

Product name	Commercial diameter (mm)	Wall thickness (mil) / (mm)	Flow rate (l/h)	Distance between drippers (m)	Coil length (m)
DripNet PC™ AS XR	12	20 / 0.50	0.6	0.2	Coil length according to the values presented in the corresponding table.
DNPC AS XR	12	200	0.6L/H	0.20M	
	16	25 / 0.63	1.0	0.3	
	16	250	1.0L/H	0.30M	
	20	32 / 0.80	1.6	0.4	
			2.0	0.5	
			3.0	0.6	
			3.5	0.7	
			3.8		

*Other distances between drippers can be ordered.

DNPC AS XR 12250 0.6L/H 0.30M 800M

Catalog description example

Drippers flow rate vs working pressure

To determine the actual flow rate of a dripper under different operating pressures, the following equation is applied:

$$Q = K \times P^X$$

Where:

Q = Dripper flow rate (liters per hour)

K = Dripper-specific flow constant (manufacturer-defined)

P = Actual working pressure (meters of water column)

X = Dripper-specific exponent (manufacturer-defined)

In accordance with ISO 9261, manufacturers must declare both the K constant and the X exponent for each dripper model.

In all Netafim™ pressure-compensated drippers, including DripNet PC™ (featured in this document), the dripper exponent X is equal to 0 within the specified pressure-compensation range for each model. This ensures that the actual dripper flow rate remains constant within ±7%, in full compliance with ISO 9261 international standards.

Each pressure-compensated dripper model operates within a defined compensation range, with clearly specified minimum and maximum pressure limits. Below the minimum compensation pressure, the dripper behaves as a non-pressure-compensated emitter and its flow rate increases proportionally with pressure until the minimum operating threshold is reached.

Above the maximum compensation pressure, Netafim™ pressure-compensated drippers will continue to regulate flow; however, they become more susceptible to clogging. In most cases, the maximum operating pressure is determined by the physical limitations of the dripline, such as diameter, wall thickness and most importantly, the structural integrity of the pipe and its associated connections.

DripNet PC™ AS XR flow (l/h) vs pressure (bar)

Dripper	Flow rate* (l/h)	Working pressure (bar)									
		0.10	0.15	0.20	0.25	0.30	0.40	0.50	1.00	2.00	3.00
DripNet PC™ AS XR	0.60	0.39	0.47	0.54	0.60	0.60	0.60	0.60	0.60	0.60	0.60
	1.00	0.51	0.62	0.72	0.80	0.87	1.00	1.00	1.00	1.00	1.00
	1.60	0.82	1.00	1.15	1.28	1.39	1.60	1.60	1.60	1.60	1.60
	2.00	1.03	1.25	1.43	1.60	1.74	2.00	2.00	2.00	2.00	2.00
	3.00	1.54	1.87	2.15	2.39	2.61	3.00	3.00	3.00	3.00	3.00
	3.50	1.48	1.80	2.07	2.30	2.51	2.88	3.21	3.50	3.50	3.50
	3.80	1.61	1.95	2.24	2.50	2.72	3.13	3.48	3.80	3.80	3.80

* Within working pressure range

Maximum driplines length

To determine the maximum feasible run length for a given dripline, considering all hydraulic factors that influence flow within the dripline, Netafim™ uses proprietary design software based on the Darcy-Weisbach equations, supported by decades of engineering expertise and long-standing collaboration with leading academic institutions.

The precise maximum run length for any installation must be calculated using this dedicated design software, which evaluates all relevant hydraulic parameters across the system.

Minor differences may occur between design tools available on the market, due to variations in calculation methodologies and underlying design assumptions.

To calculate the maximum feasible dripline length, taking into account the required variables, such as flow rate and emitter spacing, pipe inner diameter, field slope, inlet pressure and other parameters, Netafim™ HydroCalc design software can be used.



The following tables present the maximum dripline lengths that can be used in driplines to achieve optimal performance.

The values provided here are intended to offer a preliminary reference. The actual maximum dripline length must be calculated by a hydraulic engineer responsible for designing the complete system, in order to account for additional constraints and site-specific limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 12200/12250 • ID 11.8 mm • Kd 1.35 • Flow rate 0.60 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	85	116	143	166	185	202	218	230	242
	1.5	103	144	179	210	238	263	285	305	323
	2.0	117	164	206	243	277	307	334	360	384
	2.5	129	181	228	270	308	343	375	405	433
Flat terrain	1.0	92	132	168	203	235	265	294	322	349
	1.5	110	157	201	242	281	317	352	385	418
	2.0	123	176	226	272	316	357	396	434	470
	2.5	134	193	246	297	344	389	433	473	514
Downhill 2%	1.0	100	148	195	241	286	331	375	419	463
	1.5	117	171	224	275	325	374	422	469	516
	2.0	129	189	246	302	355	407	459	509	559
	2.5	140	204	265	324	381	437	491	545	596

Minimum design pressure: 0.25 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 12200/12250 • ID 11.8 mm • Kd 1.35 • Flow rate 1.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	57	79	98	114	128	141	153	163	172
	1.5	72	101	126	149	169	188	206	221	236
	2.0	82	116	146	174	199	222	243	263	281
	2.5	91	129	162	194	222	249	273	296	318
	3.0	98	139	176	211	242	271	298	324	348
Flat terrain	1.0	61	88	112	135	156	176	196	214	232
	1.5	75	108	138	166	193	218	242	265	287
	2.0	85	122	157	189	220	249	276	302	328
	2.5	94	134	172	208	241	273	303	332	360
	3.0	101	145	186	224	260	294	326	358	388
Downhill 2%	1.0	65	96	126	156	184	212	240	268	295
	1.5	79	115	150	184	216	248	279	310	340
	2.0	89	129	168	205	241	275	309	342	375
	2.5	97	140	182	222	260	298	334	369	404
	3.0	103	150	194	237	278	317	355	393	429

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 12200/12250 • ID 11.8 mm • Kd 1.35 • Flow rate 1.60 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	43	60	75	88	100	111	121	130	138
	1.5	53	75	95	113	130	144	158	172	184
	2.0	61	87	110	131	151	169	186	202	217
	2.5	67	96	122	146	167	188	207	225	243
	3.0	73	104	132	158	182	204	226	246	265
Flat terrain	1.0	45	65	82	99	115	130	145	158	171
	1.5	55	79	102	123	142	160	178	195	212
	2.0	63	90	116	139	161	183	203	223	242
	2.5	69	99	127	153	178	201	224	246	266
	3.0	74	107	136	165	191	217	241	265	287
Downhill 2%	1.0	47	69	90	111	130	150	169	187	206
	1.5	57	83	108	132	155	177	198	220	241
	2.0	64	94	121	148	173	197	222	245	268
	2.5	70	102	132	161	188	215	240	266	290
	3.0	75	109	141	172	201	230	257	284	309

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 12200/12250 • ID 11.8 mm • Kd 1.35 • Flow rate 2.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	37	52	66	78	88	98	107	116	123
	1.5	46	66	83	99	113	127	139	151	163
	2.0	53	75	96	114	131	148	162	177	190
	2.5	58	83	106	127	146	164	182	197	213
	3.5	63	90	114	137	158	179	197	215	232
Flat terrain	1.0	39	56	71	86	100	113	125	137	149
	1.5	48	68	88	106	123	139	154	169	184
	2.0	54	78	100	121	140	158	176	194	209
	2.5	59	86	110	133	154	174	194	212	230
	3.5	64	92	118	143	166	188	209	229	248
Downhill 2%	1.0	41	59	77	95	111	127	143	159	174
	1.5	49	71	92	113	133	151	170	187	205
	2.0	55	80	104	127	148	169	190	210	229
	2.5	61	88	114	138	161	184	206	228	248
	3.5	65	94	122	148	173	197	220	243	265

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 12200/12250 • ID 11.8 mm • Kd 1.35 • Flow rate 3.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	29	41	51	61	70	78	86	93	100
	1.5	36	51	64	77	89	100	110	120	129
	2.0	41	58	74	89	103	116	127	140	150
	2.5	45	64	82	98	113	128	142	155	167
	3.5	48	69	88	106	123	139	154	167	181
Flat terrain	1.0	30	43	55	66	77	87	96	105	114
	1.5	37	53	67	82	94	107	119	131	141
	2.0	42	60	77	93	107	122	135	149	161
	2.5	46	65	84	102	118	134	149	164	177
	3.5	49	71	90	110	127	144	161	176	191
Downhill 2%	1.0	31	45	58	71	83	95	107	119	130
	1.5	37	54	70	86	100	114	128	141	154
	2.0	42	61	79	96	113	128	143	158	173
	2.5	46	67	86	105	123	140	156	172	188
	3.5	50	72	93	113	131	150	167	185	201

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 12200/12250 • ID 11.8 mm • Kd 1.35 • Flow rate 3.50 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	23	32	40	48	54	60	66	71	76
	1.5	30	43	54	65	75	84	93	101	109
	2.0	35	50	64	77	89	100	110	121	130
	2.5	39	56	72	86	100	112	124	135	146
	3.5	43	61	78	94	109	123	135	149	160
Flat terrain	1.0	23	34	43	52	60	68	76	83	90
	1.5	31	44	57	69	80	90	101	110	119
	2.0	36	52	66	80	93	105	117	129	139
	2.5	40	57	74	89	103	117	130	143	155
	3.5	43	62	80	96	112	127	142	155	168
Downhill 2%	1.0	24	36	46	57	67	76	86	95	104
	1.5	32	46	59	72	85	97	108	120	131
	2.0	36	53	68	83	97	111	124	137	149
	2.5	40	59	76	92	107	122	137	150	164
	3.5	44	63	82	99	116	132	147	162	176

Minimum design pressure: 0.60 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 12200/12250 • ID 11.8 mm • Kd 1.35 • Flow rate 3.80 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	21	30	38	45	52	57	63	68	73
	1.5	29	41	52	62	71	80	88	96	103
	2.0	33	48	61	73	84	95	105	114	124
	2.5	37	53	68	82	94	106	118	129	139
	3.5	40	58	74	89	103	116	129	140	152
Flat terrain	1.0	22	32	41	49	57	64	72	79	85
	1.5	29	42	54	65	76	85	95	104	113
	2.0	34	49	63	76	88	100	111	122	132
	2.5	38	54	70	84	98	111	123	136	147
	3.5	41	59	76	91	106	120	134	147	160
Downhill 2%	1.0	23	34	44	54	63	72	81	89	98
	1.5	30	44	56	69	80	91	102	113	123
	2.0	35	50	65	79	92	105	117	130	141
	2.5	38	55	72	87	101	116	129	142	155
	3.5	41	60	77	94	109	125	139	153	167

Minimum design pressure: 0.60 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16200/16250 • ID 15.5 mm • Kd 0.55 • Flow rate 0.60 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	142	185	218	244	263	279	293	303	312
	1.5	184	246	296	339	374	404	430	453	472
	2.0	214	290	353	407	454	494	530	563	591
	2.5	238	324	398	462	517	567	611	652	688
Flat terrain	1.0	167	235	296	352	404	453	499	544	586
	1.5	205	288	363	432	497	557	615	670	723
	2.0	233	327	413	492	565	635	701	763	824
	2.5	255	359	453	540	621	698	770	840	906
Downhill 2%	1.0	193	286	377	467	548	627	705	780	855
	1.5	227	331	431	530	620	707	792	875	956
	2.0	252	365	474	579	676	770	862	950	1037
	2.5	273	395	510	621	724	824	920	1014	1106

Minimum design pressure: 0.25 bar. Maximum working pressure: Determined by the dripper or by the dripline wall-thickness limitations.
Due to considerations related to dripline filling time and flushing effectiveness, it is not recommended to exceed a dripline length of 800 meters.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16200/16250 • ID 15.5 mm • Kd 0.55 • Flow rate 1.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	97	128	153	173	189	202	214	223	231
	1.5	130	176	214	247	276	301	323	343	360
	2.0	152	208	256	298	335	368	398	426	451
	2.5	170	234	289	338	382	421	458	491	522
Flat terrain	1.0	111	156	196	234	268	301	332	362	390
	1.5	141	198	250	298	343	384	424	463	499
	2.0	162	228	288	344	395	444	490	534	576
	2.5	179	252	318	380	437	491	542	591	638
Downhill 2%	1.0	125	184	241	298	353	407	462	516	569
	1.5	152	221	286	350	412	472	531	590	647
	2.0	172	248	320	390	456	522	585	647	708
	2.5	188	271	348	422	493	562	630	696	760

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16200/16250 • ID 15.5 mm • Kd 0.55 • Flow rate 1.60 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	74	100	121	139	154	167	178	189	197
	1.5	98	134	165	192	216	238	258	275	292
	2.0	114	157	195	229	259	286	311	335	356
	2.5	127	176	219	258	292	324	354	382	407
Flat terrain	1.0	82	115	145	173	198	223	246	267	289
	1.5	104	146	184	220	253	284	314	342	369
	2.0	119	168	212	253	292	328	362	394	426
	2.5	132	186	235	280	322	363	401	437	472
Downhill 2%	1.0	89	130	169	207	244	281	317	352	387
	1.5	110	158	204	248	290	332	372	411	450
	2.0	125	179	230	278	325	370	414	456	498
	2.5	136	196	251	303	353	401	448	493	538

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16200/16250 • ID 15.5 mm • Kd 0.55 • Flow rate 2.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	65	88	107	124	138	151	162	172	181
	1.5	85	117	145	170	191	211	230	246	261
	2.0	99	137	171	201	228	253	275	297	317
	2.5	110	153	191	226	257	286	312	337	360
Flat terrain	1.0	71	99	125	149	172	193	213	231	250
	1.5	90	126	160	190	219	246	271	296	320
	2.0	103	145	184	219	253	284	314	342	369
	2.5	114	161	203	243	279	314	347	378	409
Downhill 2%	1.0	76	111	144	175	206	237	266	295	324
	1.5	94	135	174	212	247	281	315	348	380
	2.0	107	153	197	238	277	315	352	388	423
	2.5	117	168	215	260	302	343	382	421	458

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16200/16250 • ID 15.5 mm • Kd 0.55 • Flow rate 3.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	51	70	86	100	112	123	134	142	151
	1.5	66	92	114	134	152	169	184	198	211
	2.0	77	107	134	158	179	200	219	237	253
	2.5	85	119	149	177	202	225	246	266	286
Flat terrain	1.0	54	76	96	115	132	148	164	178	193
	1.5	69	97	122	147	169	189	209	229	246
	2.0	79	112	141	169	194	218	242	264	284
	2.5	87	123	156	187	215	242	267	292	315
Downhill 2%	1.0	58	83	107	130	152	174	195	216	237
	1.5	71	102	131	159	185	211	235	259	282
	2.0	81	116	149	180	209	237	264	291	316
	2.5	89	128	163	197	228	259	288	317	344

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16200/16250 • ID 15.5 mm • Kd 0.55 • Flow rate 3.50 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	40	54	66	77	85	94	101	107	113
	1.5	56	78	97	114	129	143	156	167	179
	2.0	67	93	116	137	156	174	190	206	221
	2.5	75	104	131	155	178	198	217	235	252
Flat terrain	1.0	43	60	76	90	104	116	129	140	151
	1.5	58	82	104	124	143	161	178	194	209
	2.0	69	97	122	147	169	190	210	229	247
	2.5	76	108	137	164	188	212	234	256	277
Downhill 2%	1.0	46	66	86	105	122	141	158	175	192
	1.5	61	87	112	135	157	179	200	221	240
	2.0	71	101	129	156	181	206	229	252	274
	2.5	78	112	143	172	200	227	252	277	301

Minimum design pressure: 0.60 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16200/16250 • ID 15.5 mm • Kd 0.55 • Flow rate 3.80 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	38	51	63	73	82	90	97	104	109
	1.5	53	74	92	108	123	137	149	160	171
	2.0	63	88	110	131	149	166	182	196	210
	2.5	71	99	124	148	169	188	206	224	240
Flat terrain	1.0	40	57	72	86	98	111	122	133	144
	1.5	55	78	99	118	136	153	169	184	198
	2.0	65	92	116	139	160	180	199	217	234
	2.5	72	103	130	155	179	201	222	243	262
Downhill 2%	1.0	43	62	81	99	115	132	148	165	180
	1.5	57	82	106	128	149	169	189	208	226
	2.0	67	95	122	147	171	194	216	238	259
	2.5	74	106	135	163	189	214	238	262	285

Minimum design pressure: 0.60 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16008 • ID 14.2 mm • Kd 0.72 • Flow rate 0.60 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	122	161	193	218	239	256	270	282	292
	1.5	151	204	248	286	318	346	370	391	410
	2.0	173	236	290	336	377	412	445	473	499
	2.5	191	262	324	377	425	467	506	540	572
Flat terrain	1.0	139	196	248	296	341	383	423	462	498
	1.5	166	234	296	354	408	459	507	553	597
	2.0	186	263	334	399	459	517	570	623	673
	2.5	203	287	364	435	502	564	624	680	736
Downhill 2%	1.0	157	232	305	378	449	516	580	642	703
	1.5	181	265	346	425	502	574	643	711	777
	2.0	200	291	378	462	544	621	695	768	838
	2.5	216	313	405	494	580	662	740	816	890

Minimum design pressure: 0.25 bar. Maximum working pressure: Determined by the dripper limitations.
Due to considerations related to dripline filling time and flushing effectiveness, it is not recommended to exceed a dripline length of 800 meters.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16008 • ID 14.2 mm • Kd 0.72 • Flow rate 1.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	83	111	134	153	169	183	194	205	214
	1.5	106	145	178	207	232	253	274	292	308
	2.0	122	169	209	244	275	304	330	354	375
	2.5	135	188	234	274	311	344	374	403	429
	3.5	147	204	254	300	341	378	413	445	474
Flat terrain	1.0	92	130	165	197	226	255	282	307	331
	1.5	114	161	204	243	280	315	349	381	411
	2.0	129	183	232	277	320	360	398	434	469
	2.5	142	201	255	305	352	396	438	478	517
	3.5	153	216	274	329	379	426	472	516	557
Downhill 2%	1.0	102	150	196	242	287	330	374	418	461
	1.5	122	177	230	281	331	379	426	473	520
	2.0	136	197	255	311	364	417	468	518	567
	2.5	148	214	276	336	393	449	502	555	607
	3.5	159	229	295	358	418	476	533	588	642

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16008 • ID 14.2 mm • Kd 0.72 • Flow rate 1.60 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	63	86	105	121	136	148	159	169	178
	1.5	79	110	136	159	180	199	216	231	246
	2.0	91	127	158	187	212	235	256	276	295
	2.5	101	141	176	208	237	264	289	311	333
	3.5	109	152	191	227	259	288	316	342	366
Flat terrain	1.0	68	96	122	145	167	188	208	227	245
	1.5	84	118	150	180	207	232	258	281	304
	2.0	95	135	171	205	236	265	294	320	347
	2.5	104	148	188	225	259	292	323	353	382
	3.5	112	159	202	242	280	315	349	381	412
Downhill 2%	1.0	73	107	138	170	200	230	258	287	316
	1.5	88	127	164	200	234	267	300	332	363
	2.0	99	143	184	223	260	297	332	366	400
	2.5	108	155	199	242	282	321	358	395	431
	3.5	115	166	213	258	301	342	382	420	458

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16008 • ID 14.2 mm • Kd 0.72 • Flow rate 2.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	55	75	92	108	121	133	143	153	162
	1.5	69	96	119	140	159	176	192	206	220
	2.0	79	110	138	164	186	207	226	244	261
	2.5	87	122	154	182	208	232	254	275	294
	3.5	94	133	167	198	226	253	278	301	322
Flat terrain	1.0	59	83	105	126	145	163	180	196	212
	1.5	72	102	130	155	179	202	223	243	263
	2.0	82	116	148	177	204	230	254	278	300
	2.5	90	128	162	195	224	253	280	306	331
	3.5	97	138	175	210	242	272	302	329	356
Downhill 2%	1.0	63	91	118	144	169	194	218	242	266
	1.5	75	109	140	171	199	228	255	282	308
	2.0	85	122	157	191	223	253	283	312	340
	2.5	93	133	171	207	241	274	306	338	368
	3.5	99	143	183	221	257	293	326	359	391

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16008 • ID 14.2 mm • Kd 0.72 • Flow rate 3.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	43	59	73	86	97	107	117	125	133
	1.5	53	75	94	111	126	140	153	166	177
	2.0	61	86	108	128	146	163	179	194	208
	2.5	67	95	120	142	163	182	200	217	233
	3.5	73	103	130	154	177	198	218	237	254
Flat terrain	1.0	45	64	81	97	112	125	138	151	164
	1.5	55	79	100	120	138	155	172	187	203
	2.0	63	89	114	136	157	177	196	214	231
	2.5	69	98	125	150	173	195	215	236	255
	3.5	74	106	134	161	186	210	232	254	275
Downhill 2%	1.0	47	68	88	108	126	144	162	178	195
	1.5	57	83	106	129	150	171	190	210	229
	2.0	65	93	119	144	168	190	213	234	255
	2.5	71	101	130	157	182	207	231	254	277
	3.5	76	109	139	168	196	222	247	271	295

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16008 • ID 14.2 mm • Kd 0.72 • Flow rate 3.50 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	39	54	67	79	89	99	107	116	123
	1.5	48	68	85	101	115	128	140	151	162
	2.0	55	78	98	117	133	149	164	177	190
	2.5	61	86	109	129	148	166	182	198	213
	3.5	66	93	118	140	161	180	198	216	232
Flat terrain	1.0	41	58	73	88	101	113	126	137	148
	1.5	50	71	90	108	125	141	155	170	184
	2.0	57	81	103	123	142	160	178	194	210
	2.5	62	89	113	135	156	176	195	213	231
	3.5	67	95	122	146	169	190	210	230	249
Downhill 2%	1.0	43	62	79	97	113	129	144	159	174
	1.5	52	74	95	116	134	153	171	188	205
	2.0	58	84	107	130	151	172	191	211	229
	2.5	64	91	117	142	164	186	208	229	249
	3.5	68	98	125	152	176	200	222	244	265

Minimum design pressure: 0.60 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 16008 • ID 14.2 mm • Kd 0.72 • Flow rate 3.80 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	37	51	64	75	85	95	103	111	118
	1.5	46	65	81	96	109	122	134	145	155
	2.0	53	74	93	111	127	142	156	169	182
	2.5	58	82	103	123	141	158	174	189	203
	3.5	63	88	112	133	153	172	189	205	221
Flat terrain	1.0	39	55	69	83	95	108	119	131	141
	1.5	47	67	86	103	118	133	147	161	174
	2.0	54	77	97	117	135	152	168	184	199
	2.5	59	84	107	128	148	167	185	203	219
	3.5	64	91	115	138	160	180	199	218	236
Downhill 2%	1.0	40	58	75	91	106	121	136	150	164
	1.5	49	70	90	109	127	144	162	177	194
	2.0	55	79	102	123	143	162	181	199	216
	2.5	60	86	111	134	155	176	197	216	235
	3.5	65	93	119	143	166	189	210	231	251

Minimum design pressure: 0.60 bar. Maximum working pressure: Determined by the dripper and by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 22200/22250 • ID 22.2 mm • Kd 0.18 • Flow rate 0.60 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	243	287	313	330	340	348	353	357	360
	1.6	337	419	475	515	545	567	584	598	609
	2.2	405	515	596	657	706	744	775	800	821
	2.4	459	592	693	773	838	891	936	973	1005
Flat terrain	1.0	350	479	593	697	793	884	970	1051	1130
	1.6	430	589	730	859	978	1091	1197	1298	1395
	2.2	489	670	832	979	1115	1243	1365	1481	1591
	2.4	537	737	914	1077	1227	1369	1502	1630	1752
Downhill 2%	1.0	463	669	864	1052	1235	1414	1590	1762	1932
	1.6	525	752	966	1171	1369	1561	1750	1934	2116
	2.2	574	818	1047	1265	1475	1679	1878	2073	2264
	2.4	616	874	1116	1346	1566	1780	1988	2191	2390

Minimum design pressure: 0.25 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Due to considerations related to dripline filling time and flushing effectiveness, it is not recommended to exceed a dripline length of 800 meters.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 22200/22250 • ID 22.2 mm • Kd 0.18 • Flow rate 1.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	172	209	232	249	259	267	274	278	281
	1.6	246	313	363	401	431	454	474	490	503
	2.2	296	385	454	509	555	593	626	653	677
	2.4	336	441	525	595	653	704	747	786	819
Flat terrain	1.0	232	318	394	464	527	588	645	699	752
	1.6	296	406	504	593	676	753	826	896	964
	2.2	341	468	581	685	781	870	955	1037	1115
	2.4	377	518	644	758	865	965	1059	1149	1236
Downhill 2%	1.0	295	436	576	710	829	946	1059	1171	1281
	1.6	347	503	654	798	928	1056	1179	1300	1418
	2.2	386	554	715	868	1007	1143	1274	1403	1529
	2.4	418	597	766	927	1075	1218	1356	1491	1623

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Due to considerations related to dripline filling time and flushing effectiveness, it is not recommended to exceed a dripline length of 800 meters.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 22200/22250 • ID 22.2 mm • Kd 0.18 • Flow rate 1.60 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	138	173	198	217	231	242	251	257	263
	1.6	191	248	293	330	361	386	407	427	442
	2.2	227	299	359	408	451	487	520	548	574
	2.4	255	340	410	470	521	568	609	645	679
Flat terrain	1.0	171	235	291	343	390	435	478	518	557
	1.6	218	299	372	438	499	557	611	663	713
	2.2	251	345	429	506	577	643	706	767	825
	2.4	277	382	475	560	639	713	783	851	914
Downhill 2%	1.0	205	299	391	481	570	658	738	813	887
	1.6	246	352	454	552	648	742	828	911	992
	2.2	276	392	502	607	709	809	901	989	1076
	2.4	300	425	542	654	761	865	962	1056	1147

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Due to considerations related to dripline filling time and flushing effectiveness, it is not recommended to exceed a dripline length of 800 meters.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 22200/22250 • ID 22.2 mm • Kd 0.18 • Flow rate 2.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	123	157	182	201	215	228	237	245	252
	1.6	168	221	263	298	327	352	374	393	410
	2.2	199	265	318	365	404	440	470	499	524
	2.4	223	299	362	417	465	508	546	581	613
Flat terrain	1.0	148	203	252	297	338	377	414	449	482
	1.6	188	259	322	380	433	482	530	575	618
	2.2	217	299	372	438	500	558	613	665	715
	2.4	240	331	411	485	554	618	678	737	792
Downhill 2%	1.0	174	252	327	401	473	545	616	686	748
	1.6	209	299	384	465	544	622	698	772	840
	2.2	235	334	426	514	599	682	762	841	913
	2.4	257	363	462	555	645	732	817	899	976

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Due to considerations related to dripline filling time and flushing effectiveness, it is not recommended to exceed a dripline length of 800 meters.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 22200/22250 • ID 22.2 mm • Kd 0.18 • Flow rate 3.00 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	99	128	152	170	185	198	209	218	226
	1.6	133	176	212	243	269	293	314	332	349
	2.2	156	209	254	294	328	358	386	412	435
	2.4	175	236	288	333	374	410	444	474	503
Flat terrain	1.0	114	156	194	229	260	291	319	347	372
	1.6	145	199	248	292	334	372	409	444	477
	2.2	167	230	286	338	385	430	472	513	551
	2.4	184	254	317	374	427	476	523	568	611
Downhill 2%	1.0	129	185	238	291	341	391	440	489	537
	1.6	157	223	284	343	400	454	509	562	613
	2.2	178	251	318	383	444	503	561	617	673
	2.4	194	273	346	415	481	544	605	665	723

Minimum design pressure: 0.40 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 22200/22250 • ID 22.2 mm • Kd 0.18 • Flow rate 3.50 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	76	97	113	126	136	145	151	158	162
	1.6	112	149	180	206	228	248	265	281	295
	2.2	136	182	222	256	286	313	338	360	380
	2.4	154	207	254	294	330	363	393	420	446
Flat terrain	1.0	89	123	152	180	205	228	250	272	292
	1.6	123	169	210	248	283	316	346	376	405
	2.2	145	200	248	293	334	373	410	446	479
	2.4	162	223	278	328	374	418	459	499	537
Downhill 2%	1.0	103	149	193	237	278	320	362	402	443
	1.6	133	189	242	292	340	387	433	478	523
	2.2	154	217	276	331	385	435	486	535	582
	2.4	170	239	303	363	420	475	528	581	631

Minimum design pressure: 0.60 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.

Max. dripline length (meter) at different inlet pressure and different slopes

DripNet PC™ AS XR MWD 22200/22250 • ID 22.2 mm • Kd 0.18 • Flow rate 3.80 l/h

	Distance between drippers (meter)									
	Inlet pressure (bar)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Uphill 2%	1.0	72	93	109	122	132	141	148	154	159
	1.6	107	143	172	197	219	238	255	271	285
	2.2	129	174	212	245	274	300	323	346	365
	2.4	146	197	242	281	315	347	375	402	427
Flat terrain	1.0	85	116	144	170	194	216	238	257	277
	1.6	117	161	200	236	268	300	329	357	384
	2.2	137	189	236	278	317	354	389	422	454
	2.4	153	212	264	311	355	396	436	473	509
Downhill 2%	1.0	97	140	181	222	260	300	338	375	413
	1.6	126	179	228	275	320	364	406	449	490
	2.2	145	205	260	312	362	410	457	502	547
	2.4	161	226	286	343	396	448	498	546	594

Minimum design pressure: 0.60 bar. Maximum working pressure: Determined by the dripline wall-thickness limitations.