

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ 20010/20012 • Ø 17.5 MM • KD 0.25 • FLOW RATE 0.6 L/H

		DISTANCE BETWEEN DRIPPERS (METER)								
UPHILL 2%	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	1.0	162	199	223	240	252	261	268	273	277
	1.5	220	281	326	361	389	411	429	444	456
	2.0	262	340	401	450	490	524	553	578	599
	2.5	294	386	460	521	572	617	654	688	717
FLAT TERRAIN	1.0	213	292	362	426	485	540	593	643	691
	1.5	264	362	449	528	602	671	736	798	859
	2.0	300	413	512	603	688	767	842	914	982
	2.5	330	454	564	665	757	845	928	1006	1082
DOWNHILL 2%	1.0	266	392	516	638	749	854	956	1056	1154
	1.5	308	446	578	709	828	941	1050	1157	1262
	2.0	340	488	629	766	892	1012	1128	1241	1352
	2.5	367	523	672	815	947	1072	1194	1313	1429

Minimum considered pressure 0.4 bar

Due to lateral filling time and flushing effectiveness it is not recommended to exceed 800 meters lateral length

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ 20010/20012 • Ø 17.5 MM • KD 0.25 • FLOW RATE 1.0 L/H

		DISTANCE BETWEEN DRIPPERS (METER)								
UPHILL 2%	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	1.0	126	161	185	205	219	231	241	248	255
	1.5	167	218	258	291	319	342	362	379	394
	2.0	195	258	310	353	390	423	451	476	499
	2.5	218	291	351	403	448	487	522	554	584
FLAT TERRAIN	1.0	153	210	260	307	349	389	427	464	498
	1.5	189	260	323	380	433	483	530	576	619
	2.0	215	296	368	434	495	552	606	658	708
	2.5	237	326	406	478	545	608	668	725	780
DOWNHILL 2%	1.0	180	262	340	418	494	568	643	713	777
	1.5	212	303	390	474	555	635	714	788	858
	2.0	236	335	429	518	605	689	772	850	924
	2.5	256	362	461	556	647	735	822	904	981

Minimum considered pressure 0.4 bar

Due to lateral filling time and flushing effectiveness it is not recommended to exceed 800 meters lateral length

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ 20010/20012 • Ø 17.5 MM • KD 0.25 • FLOW RATE 1.6 L/H

		DISTANCE BETWEEN DRIPPERS (METER)									
UPHILL 2%	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	
		1.0	98	128	150	169	184	197	208	217	225
		1.5	127	169	203	232	256	278	298	315	330
		2.0	148	198	240	276	308	336	362	385	407
		2.5	164	221	270	312	349	383	414	442	468
FLAT TERRAIN	1.0	113	155	192	227	258	288	316	343	369	
	1.5	139	192	238	281	320	357	393	426	458	
	2.0	159	219	272	321	366	408	449	487	524	
	2.5	174	241	299	353	403	450	494	536	577	
DOWNHILL 2%	1.0	128	183	236	288	337	386	435	483	531	
	1.5	152	215	275	332	387	440	493	545	595	
	2.0	170	240	305	367	426	483	539	594	647	
	2.5	185	260	330	396	458	519	578	635	692	

Minimum considered pressure 0.4 bar

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ 20010/20012 • Ø 17.5 MM • KD 0.25 • FLOW RATE 2.0 L/H

		DISTANCE BETWEEN DRIPPERS (METER)									
UPHILL 2%	INLET PRESSURE (BAR)	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	
		1.0	87	113	135	153	167	180	191	201	209
		1.5	111	149	180	206	229	250	268	284	300
		2.0	129	174	211	244	274	300	323	345	365
		2.5	143	194	237	275	308	340	367	393	418
		3.0	155	211	258	301	338	373	405	434	462
FLAT TERRAIN	1.0	98	134	166	196	224	250	274	297	320	
	1.5	120	166	206	243	277	309	340	369	397	
	2.0	137	189	236	278	317	354	389	422	454	
	2.5	151	208	259	306	349	390	428	465	500	
	3.0	163	224	280	330	377	421	462	502	540	
DOWNHILL 2%	1.0	109	155	199	242	283	324	364	403	442	
	1.5	130	184	234	282	328	372	416	458	500	
	2.0	145	205	260	312	362	410	457	502	547	
	2.5	158	223	282	338	391	442	491	539	586	
	3.0	170	238	301	360	416	469	522	572	621	

Minimum considered pressure 0.4 bar

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ 20010/20012 • Ø 17.5 MM • KD 0.25 • FLOW RATE 3.0 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	69	91	109	125	139	151	161	170
1.5		87	117	143	165	185	203	219	234	248
2.0		101	136	167	194	218	240	261	279	297
2.5		111	152	186	217	245	270	294	316	336
3.0		121	164	203	237	268	296	322	347	370
FLAT TERRAIN	1.0	75	103	128	151	172	193	211	230	247
	1.5	93	128	159	188	214	239	262	284	306
	2.0	105	146	181	214	244	273	300	326	350
	2.5	116	160	200	236	269	300	330	359	386
	3.0	125	173	215	254	290	324	356	387	417
DOWNHILL 2%	1.0	81	116	148	179	208	237	265	293	320
	1.5	98	138	175	210	244	276	307	338	368
	2.0	110	155	196	235	271	306	340	374	405
	2.5	120	169	213	255	293	331	367	402	437
	3.0	129	181	228	272	313	353	391	428	464

Minimum considered pressure 0.4 bar

MAX. LATERAL LENGTH (METER) AT DIFFERENT INLET PRESSURE AND DIFFERENT SLOPES

DRIPNET PC™ 20010/20012 • Ø 17.5 MM • KD 0.25 • FLOW RATE 3.8 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	60	80	96	111	123	134	144	153
1.5		75	102	125	145	163	179	194	207	220
2.0		87	118	145	169	191	210	229	246	261
2.5		96	131	162	189	213	236	257	276	295
3.0		104	142	176	206	232	258	281	302	323
FLAT TERRAIN	1.0	64	89	110	130	148	165	182	197	212
	1.5	79	110	136	161	184	205	226	245	263
	2.0	90	125	156	184	210	235	258	280	301
	2.5	99	137	171	203	231	258	284	309	332
	3.0	107	148	185	218	249	279	306	333	358
DOWNHILL 2%	1.0	69	98	124	150	174	198	221	244	266
	1.5	83	117	148	178	206	232	258	284	309
	2.0	94	132	166	199	229	259	287	315	342
	2.5	103	144	181	216	249	281	311	341	369
	3.0	110	154	194	231	266	300	332	363	393

Minimum considered pressure 0.4 bar