

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

DRIPNET PC™ AS 23009 • D 20.8 MM • KD 0.2 • FLOW RATE 0.6 L/H

|                 |                      | DISTANCE BETWEEN DRIPPERS (METER) |     |     |      |      |      |      |      |      |
|-----------------|----------------------|-----------------------------------|-----|-----|------|------|------|------|------|------|
| UPHILL<br>2%    | INLET PRESSURE (BAR) | 0.2                               | 0.3 | 0.4 | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  | 1.0  |
|                 | 1.0                  | 198                               | 233 | 253 | 266  | 274  | 280  | 284  | 287  | 289  |
|                 | 1.5                  | 278                               | 345 | 390 | 423  | 447  | 465  | 478  | 490  | 498  |
|                 | 2.0                  | 336                               | 426 | 493 | 544  | 583  | 614  | 639  | 660  | 677  |
|                 | 2.5                  | 381                               | 491 | 575 | 641  | 695  | 739  | 775  | 806  | 832  |
| FLAT<br>TERRAIN | 1.0                  | 288                               | 394 | 488 | 574  | 653  | 728  | 799  | 867  | 931  |
|                 | 1.5                  | 356                               | 488 | 605 | 712  | 811  | 904  | 993  | 1076 | 1157 |
|                 | 2.0                  | 406                               | 557 | 691 | 814  | 927  | 1034 | 1134 | 1231 | 1323 |
|                 | 2.5                  | 446                               | 613 | 761 | 896  | 1021 | 1139 | 1250 | 1357 | 1459 |
| DOWNHILL<br>2%  | 1.0                  | 384                               | 575 | 753 | 916  | 1074 | 1228 | 1378 | 1527 | 1673 |
|                 | 1.5                  | 437                               | 641 | 832 | 1007 | 1176 | 1341 | 1502 | 1660 | 1815 |
|                 | 2.0                  | 478                               | 694 | 895 | 1082 | 1261 | 1434 | 1603 | 1769 | 1931 |
|                 | 2.5                  | 513                               | 739 | 950 | 1146 | 1333 | 1514 | 1690 | 1863 | 2032 |

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™ AS 23009 • D 20.8 MM • KD 0.2 • FLOW RATE 1.0 L/H

|                 |                      | DISTANCE BETWEEN DRIPPERS (METER) |     |     |     |     |      |      |      |      |
|-----------------|----------------------|-----------------------------------|-----|-----|-----|-----|------|------|------|------|
| UPHILL<br>2%    | INLET PRESSURE (BAR) | 0.2                               | 0.3 | 0.4 | 0.5 | 0.6 | 0.7  | 0.8  | 0.9  | 1.0  |
|                 | 1.0                  | 159                               | 196 | 220 | 238 | 250 | 259  | 266  | 271  | 276  |
|                 | 1.5                  | 215                               | 275 | 320 | 355 | 383 | 405  | 423  | 438  | 451  |
|                 | 2.0                  | 255                               | 332 | 392 | 441 | 481 | 515  | 544  | 569  | 591  |
|                 | 2.5                  | 286                               | 377 | 449 | 510 | 560 | 605  | 642  | 676  | 706  |
| FLAT<br>TERRAIN | 1.0                  | 207                               | 283 | 351 | 414 | 471 | 525  | 576  | 625  | 671  |
|                 | 1.5                  | 255                               | 351 | 435 | 513 | 584 | 652  | 715  | 776  | 834  |
|                 | 2.0                  | 291                               | 400 | 497 | 586 | 668 | 745  | 818  | 887  | 954  |
|                 | 2.5                  | 320                               | 440 | 547 | 645 | 736 | 820  | 901  | 977  | 1051 |
| DOWNHILL<br>2%  | 1.0                  | 256                               | 377 | 496 | 614 | 724 | 825  | 923  | 1019 | 1114 |
|                 | 1.5                  | 297                               | 430 | 558 | 683 | 800 | 909  | 1014 | 1118 | 1220 |
|                 | 2.0                  | 328                               | 471 | 607 | 739 | 862 | 978  | 1090 | 1200 | 1306 |
|                 | 2.5                  | 354                               | 506 | 648 | 786 | 916 | 1037 | 1155 | 1270 | 1382 |

Minimum considered pressure 0.4 bar

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

DRIPNET PC™ AS 23009 • D 20.8 MM • KD 0.2 • FLOW RATE 1.6 L/H

|                 |                      | DISTANCE BETWEEN DRIPPERS (METER) |     |     |     |     |     |     |     |     |
|-----------------|----------------------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| UPHILL<br>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                               | 160 | 185 | 204 | 219 | 230 | 240 | 248 | 254 |
|                 | 1.5                  | 166                               | 217 | 257 | 291 | 318 | 341 | 362 | 379 | 394 |
|                 | 2.0                  | 195                               | 257 | 309 | 352 | 389 | 421 | 450 | 475 | 498 |
|                 | 2.5                  | 217                               | 290 | 350 | 402 | 446 | 486 | 522 | 554 | 583 |
| FLAT<br>TERRAIN | 1.0                  | 152                               | 209 | 260 | 306 | 348 | 388 | 426 | 463 | 497 |
|                 | 1.5                  | 188                               | 259 | 322 | 379 | 432 | 482 | 529 | 574 | 617 |
|                 | 2.0                  | 214                               | 295 | 367 | 433 | 493 | 551 | 605 | 656 | 706 |
|                 | 2.5                  | 236                               | 325 | 404 | 477 | 544 | 607 | 666 | 724 | 778 |
| DOWNHILL<br>2%  | 1.0                  | 179                               | 260 | 339 | 416 | 491 | 566 | 641 | 710 | 774 |
|                 | 1.5                  | 211                               | 302 | 388 | 472 | 553 | 633 | 711 | 786 | 855 |
|                 | 2.0                  | 234                               | 334 | 427 | 516 | 602 | 687 | 769 | 847 | 921 |
|                 | 2.5                  | 254                               | 360 | 459 | 554 | 644 | 732 | 818 | 900 | 978 |

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™ AS 23009 • D 20.8 MM • KD 0.2 • FLOW RATE 2.0 L/H

|                 |                      | DISTANCE BETWEEN DRIPPERS (METER) |     |     |     |     |     |     |     |     |
|-----------------|----------------------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| UPHILL<br>2%    | INLET PRESSURE (BAR) | 0.2                               | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
|                 | 1.0                  | 112                               | 144 | 168 | 187 | 202 | 215 | 226 | 234 | 241 |
|                 | 1.5                  | 146                               | 193 | 230 | 261 | 287 | 311 | 330 | 348 | 364 |
|                 | 2.0                  | 171                               | 227 | 274 | 314 | 349 | 379 | 407 | 431 | 454 |
|                 | 2.5                  | 190                               | 255 | 309 | 356 | 398 | 435 | 468 | 499 | 526 |
|                 | 3.0                  | 207                               | 278 | 339 | 392 | 439 | 481 | 519 | 554 | 587 |
| FLAT<br>TERRAIN | 1.0                  | 132                               | 181 | 225 | 265 | 302 | 336 | 370 | 401 | 431 |
|                 | 1.5                  | 163                               | 224 | 278 | 328 | 374 | 417 | 458 | 498 | 535 |
|                 | 2.0                  | 185                               | 255 | 318 | 375 | 427 | 477 | 524 | 569 | 612 |
|                 | 2.5                  | 204                               | 281 | 350 | 413 | 471 | 526 | 578 | 627 | 674 |
|                 | 3.0                  | 220                               | 303 | 377 | 445 | 508 | 567 | 623 | 677 | 728 |
| DOWNHILL<br>2%  | 1.0                  | 152                               | 219 | 284 | 348 | 410 | 470 | 531 | 591 | 651 |
|                 | 1.5                  | 180                               | 256 | 328 | 398 | 465 | 531 | 596 | 660 | 722 |
|                 | 2.0                  | 200                               | 284 | 362 | 437 | 509 | 579 | 647 | 715 | 780 |
|                 | 2.5                  | 218                               | 308 | 391 | 471 | 547 | 620 | 692 | 761 | 831 |
|                 | 3.0                  | 232                               | 328 | 416 | 500 | 579 | 656 | 730 | 804 | 875 |

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™ AS 23009 • D 20.8 MM • KD 0.2 • 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<br>2%         | 1.0                               | 89  | 117 | 139 | 157 | 172 | 185 | 196 | 205 |
| 1.5             |                      | 115                               | 154 | 185 | 213 | 236 | 257 | 276 | 293 | 308 |
| 2.0             |                      | 134                               | 180 | 218 | 253 | 282 | 309 | 334 | 356 | 376 |
| 2.5             |                      | 148                               | 201 | 245 | 284 | 319 | 351 | 379 | 406 | 431 |
| 3.0             |                      | 161                               | 218 | 268 | 311 | 350 | 386 | 418 | 448 | 477 |
| FLAT<br>TERRAIN | 1.0                  | 101                               | 139 | 173 | 204 | 232 | 259 | 285 | 309 | 332 |
|                 | 1.5                  | 125                               | 172 | 214 | 253 | 288 | 322 | 354 | 383 | 413 |
|                 | 2.0                  | 142                               | 197 | 244 | 289 | 329 | 368 | 404 | 438 | 472 |
|                 | 2.5                  | 157                               | 216 | 269 | 318 | 363 | 405 | 445 | 483 | 520 |
|                 | 3.0                  | 169                               | 233 | 290 | 343 | 391 | 437 | 480 | 522 | 561 |
| DOWNHILL<br>2%  | 1.0                  | 113                               | 162 | 208 | 253 | 297 | 340 | 382 | 423 | 464 |
|                 | 1.5                  | 135                               | 191 | 244 | 294 | 343 | 389 | 435 | 480 | 524 |
|                 | 2.0                  | 151                               | 213 | 271 | 326 | 378 | 428 | 478 | 526 | 572 |
|                 | 2.5                  | 165                               | 232 | 294 | 352 | 407 | 461 | 513 | 563 | 613 |
|                 | 3.0                  | 176                               | 248 | 313 | 375 | 433 | 489 | 544 | 597 | 649 |

Minimum considered pressure 0.4 bar

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

DRIPNET PC™ AS 23009 • D 20.8 MM • KD 0.2 • 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<br>2%         | 1.0                               | 78  | 103 | 123 | 140 | 155 | 167 | 178 | 187 |
| 1.5             |                      | 100                               | 134 | 162 | 188 | 209 | 228 | 246 | 262 | 277 |
| 2.0             |                      | 116                               | 156 | 191 | 221 | 248 | 272 | 295 | 315 | 334 |
| 2.5             |                      | 128                               | 174 | 213 | 248 | 279 | 308 | 334 | 358 | 381 |
| 3.0             |                      | 139                               | 189 | 232 | 271 | 305 | 337 | 367 | 394 | 420 |
| FLAT<br>TERRAIN | 1.0                  | 87                                | 119 | 148 | 175 | 200 | 223 | 245 | 266 | 286 |
|                 | 1.5                  | 107                               | 148 | 184 | 217 | 248 | 277 | 304 | 329 | 355 |
|                 | 2.0                  | 122                               | 169 | 210 | 248 | 283 | 316 | 347 | 377 | 406 |
|                 | 2.5                  | 134                               | 185 | 231 | 273 | 311 | 348 | 382 | 416 | 447 |
|                 | 3.0                  | 145                               | 200 | 249 | 294 | 336 | 375 | 413 | 448 | 482 |
| DOWNHILL<br>2%  | 1.0                  | 96                                | 136 | 175 | 212 | 247 | 282 | 316 | 350 | 383 |
|                 | 1.5                  | 114                               | 162 | 206 | 248 | 287 | 326 | 364 | 401 | 437 |
|                 | 2.0                  | 129                               | 181 | 230 | 275 | 319 | 361 | 402 | 441 | 480 |
|                 | 2.5                  | 140                               | 197 | 249 | 298 | 344 | 389 | 433 | 474 | 515 |
|                 | 3.0                  | 150                               | 211 | 266 | 318 | 367 | 414 | 460 | 504 | 547 |

Minimum considered pressure 0.4 bar