

DripNet PC™

25135 25150 25250

For use in row crops

- Superior TurboNet™ flow regime
- Wide filtration area
- Highest resistance to clogging
- Wide cross-section allows large particles to pass through
- PC system, patented pressure differential system, maintains uniform flow rate at different inlet working pressures, ensuring exact distribution of water and fertilizers



DripNet PC™ facets

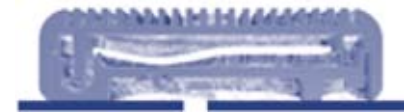


Wide filtration area to ensure optimal performance even under harsh water conditions

Injected silicon diaphragm

PC system ensuring exact flow rate in all field conditions

Large, deep, short and wide cross-section improves clogging resistance



Injection molded dripper construction, ensuring uniform drippers and very low CV

Drippers technical data

| Flow rate (l/h) | working pressure range (bar) | water passage dimensions width-depth-length (mm) | filtration area (mm ²) | constant K | exponent* X |
|--------------------|---------------------------------|--|---------------------------------------|---------------|----------------|
| 0.6 | 0.4 - 2.5 | 0.52 x 0.60 x 22.00 | 39 | 0.6 | 0 |
| 1.0 | 0.4 - 2.5 | 0.61 x 0.60 x 8.00 | 39 | 1.0 | 0 |
| 1.6 | 0.4 - 2.5 | 0.76 x 0.73 x 8.00 | 42 | 1.6 | 0 |
| 2.0 | 0.4 - 3.0 | 0.76 x 0.73 x 8.00 | 42 | 2.0 | 0 |
| 3.0 | 0.4 - 3.0 | 1.02 x 0.88 x 8.00 | 42 | 3.0 | 0 |
| 3.8 | 0.4 - 3.0 | 1.02 x 0.88 x 8.00 | 42 | 3.8 | 0 |

*Within working pressure range

Dripperlines technical data

| Model | inside Ø (mm) | wall thickness (mm) | outside Ø (mm) | max. working pressure(bar) | KD |
|-------|---------------|---------------------|----------------|----------------------------|------|
| 25135 | 25 | 0.34 | 25.68 | 1.00 | 0.04 |
| 25150 | 25 | 0.38 | 25.76 | 1.10 | 0.04 |
| 25250 | 25 | 0.63 | 26.23 | 2.00 | 0.04 |

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Performance Data

DripNet PC™ 25135 • I.D. Ø 25.0 mm • Inlet pressure 1.0 bar

Max. lateral length (m) • spacing between drippers (m)

| Flow rate (l/h.) | 0.20 | 0.30 | 0.40 | 0.45 | 0.50 | 0.60 | 0.75 | 0.90 | 1.00 | 1.25 | 1.50 |
|------------------|------|------|------|------|------|------|------|------|------|------|------|
| 0.6 | 476 | 629 | 763 | 826 | 886 | 998 | 1156 | 1302 | 1394 | 1611 | 1814 |
| 1.0 | 325 | 429 | 521 | 563 | 605 | 682 | 789 | 889 | 952 | 1100 | 1238 |
| 1.6 | 240 | 317 | 386 | 417 | 448 | 505 | 585 | 659 | 705 | 815 | 918 |
| 2.0 | 195 | 258 | 313 | 339 | 364 | 410 | 475 | 535 | 573 | 663 | 746 |
| 3.0 | 160 | 212 | 258 | 279 | 300 | 338 | 392 | 441 | 472 | 546 | 615 |
| 3.8 | 129 | 171 | 208 | 225 | 241 | 272 | 315 | 356 | 381 | 440 | 495 |

DripNet PC™ 25150 • I.D. Ø 25.0 mm • Inlet pressure 1.1 bar

Max. lateral length (m) • spacing between drippers (m)

| Flow rate (l/h.) | 0.20 | 0.30 | 0.40 | 0.45 | 0.50 | 0.60 | 0.75 | 0.90 | 1.00 | 1.25 | 1.50 |
|------------------|------|------|------|------|------|------|------|------|------|------|------|
| 0.6 | 501 | 660 | 801 | 866 | 929 | 1048 | 1213 | 1366 | 1463 | 1691 | 1904 |
| 1.0 | 343 | 453 | 550 | 595 | 639 | 721 | 834 | 940 | 1007 | 1164 | 1310 |
| 1.6 | 254 | 335 | 408 | 441 | 473 | 533 | 618 | 697 | 746 | 863 | 971 |
| 2.0 | 208 | 275 | 334 | 362 | 388 | 438 | 507 | 572 | 612 | 708 | 797 |
| 3.0 | 169 | 224 | 273 | 295 | 317 | 357 | 414 | 466 | 499 | 578 | 650 |
| 3.8 | 138 | 182 | 222 | 240 | 258 | 290 | 337 | 380 | 406 | 470 | 530 |

DripNet PC™ 25250 • I.D. Ø 25.0 mm • Inlet pressure 2.0 bar

Max. lateral length (m) • spacing between drippers (m)

| Flow rate (l/h.) | 0.20 | 0.30 | 0.40 | 0.45 | 0.50 | 0.60 | 0.75 | 0.90 | 1.00 | 1.25 | 1.50 |
|------------------|------|------|------|------|------|------|------|------|------|------|------|
| 0.6 | 660 | 825 | 1030 | 1120 | 1219 | 1375 | 1592 | 1794 | 1921 | 2221 | 2499 |
| 1.0 | 461 | 610 | 741 | 802 | 860 | 971 | 1124 | 1266 | 1357 | 1579 | 1766 |
| 1.6 | 341 | 451 | 548 | 594 | 637 | 719 | 833 | 938 | 1005 | 1163 | 1308 |
| 2.0 | 288 | 382 | 465 | 503 | 540 | 609 | 706 | 795 | 852 | 985 | 1109 |
| 3.0 | 227 | 302 | 367 | 397 | 426 | 481 | 557 | 628 | 673 | 779 | 876 |
| 3.8 | 191 | 253 | 308 | 333 | 358 | 404 | 468 | 527 | 565 | 654 | 737 |

Minimum pressure considered = 0.5 bar, calculated in a plain area.

For more information, please contact Netafim Technical Department or connect to our website at www.netafim.com

Packaging Data

| DripNet PC™ on carton coils | Wall thickness (mm.) | Distance between drippers (meter) | Coil length (meter) | Average coil weight* (kg.) | Number of coils in a pallet (units) | Average pallet weight* (kg.) | Coils in a 40 feet container (units) | Total in a 40 feet container (meters) |
|-----------------------------|----------------------|-----------------------------------|---------------------|----------------------------|-------------------------------------|------------------------------|--------------------------------------|---------------------------------------|
| 25135 | 0.34 | 0.10 - 0.19 | 650 | 19.3 | 16 | 318 | 640 | 416000 |
| | | 0.20 - 1.50 | 800 | 20.5 | 16 | 337 | 640 | 512000 |
| 25150 | 0.38 | 0.10 - 0.19 | 550 | 19.4 | 16 | 319 | 640 | 352000 |
| | | 0.20 - 1.50 | 700 | 21.1 | 16 | 347 | 640 | 448000 |
| 25250 | 0.63 | 0.10 - 0.19 | 450 | 24.4 | 12 | 302 | 480 | 216000 |
| | | 0.20 - 1.50 | 500 | 25.9 | 12 | 320 | 480 | 240000 |

* According to drippers spacing

This dripperlines can also be ordered on multi-seasonal plastic coils . Futher information on lengths is available with Netafim™ representatives

Website: www.netafim.com
E-mail: postmaster@netafim.com

