



METZERPLAS

VARDIT

Miniature flat
PC (Pressure
Compensated)
dripper

- Miniature economical PC dripper to maintain uniform flow rate at wide range of working pressures and variable topography.
- Expanded inlet filter and wide water passages for clog resistance.
- Contains the most reliable and proven PC mechanism by regulating labyrinth of ADI and VERED drippers.
- Suitable for effluent and recycled water.
- Dripper flow rates: 0.8, 1.2 and 1.6 l/h.
- VARDIT dripline available in wide range of wall thickness between 0.4 to 1.2 mm.
- VARDIT dripline available in wide range of lateral diameters: 16, 17, 20, 22 and 25 mm.



VARDIT Dripline Technical Data:

| Model | Inside Diameter (mm) | Wall Thickness (mm) | Min. Working Pressure (bar) | Max. Working Pressure (bar) | KD |
|-----------|----------------------|---------------------|-----------------------------|-----------------------------|------|
| VARDIT 16 | 15.8 | 0.4 | 0.4 | 2.0 | 0.2 |
| | 15.2 | 0.6 | | 2.5 | |
| | 13.8 | 0.9 | | 3.5 | 0.27 |
| | | 1.15 | | 4.3 | |
| VARDIT 17 | 15.8 | 0.6 | 0.4 | 2.5 | 0.2 |
| | 15.0 | 0.9 | | 3.5 | |
| | | 1.15 | | 4.3 | |
| VARDIT 20 | 17.4 | 1.0 | 0.4 | 3.5 | 0.1 |
| | | 1.2 | | 4.3 | |
| VARDIT 22 | 21.0 | 1.0 | 0.4 | 3.5 | 0.08 |
| VARDIT 25 | 24.7 | 1.0 | 0.4 | 3.5 | 0.05 |

* Min. working pressure of 0.8 bar is recommended for efficient dripline flushing



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VARDIT 16 mm. Maximum lateral length (I.D. 15.2 mm, W.T. 0.6 mm, Inlet pressure 2.5 bar):

| Nom. Flow Rate (L/H) | Spacing Between Drippers (m) | | | | | | |
|----------------------|------------------------------|------|------|------|------|------|------|
| | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.75 | 1.00 |
| 0.8 | 240 | 320 | 391 | 455 | 514 | 596 | 721 |
| 1.2 | 184 | 247 | 301 | 351 | 397 | 460 | 556 |
| 1.6 | 153 | 205 | 250 | 292 | 329 | 383 | 463 |

VARDIT 20 mm. Maximum lateral length (I.D. 17.4 mm, W.T. 1.0 mm, Inlet pressure 2.5 bar):

| Nom. Flow Rate (L/H) | Spacing Between Drippers (m) | | | | | | |
|----------------------|------------------------------|------|------|------|------|------|------|
| | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.75 | 1.00 |
| 0.8 | 324 | 424 | 511 | 591 | 665 | 767 | 923 |
| 1.2 | 249 | 326 | 394 | 456 | 513 | 593 | 713 |
| 1.6 | 207 | 271 | 328 | 379 | 427 | 493 | 593 |

VARDIT 25 mm. Maximum lateral length (I.D. 24.7 mm, W.T. 1.0 mm, Inlet pressure 2.5 bar):

| Nom. Flow Rate (L/H) | Spacing Between Drippers (m) | | | | | | |
|----------------------|------------------------------|------|------|------|------|------|------|
| | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.75 | 1.00 |
| 0.8 | 565 | 732 | 778 | 880 | 1014 | 1138 | 1311 |
| 1.2 | 435 | 565 | 600 | 678 | 782 | 878 | 1012 |
| 1.6 | 362 | 470 | 499 | 564 | 651 | 731 | 842 |

For additional tables and data please contact Metzerplas Technical Department or visit our website: www.metzerplas.com

Packaging Data (drums per pallet: Wide - 24 Narrow - 36)

| Model | Wall Thickness (mm) | Roll/Drum Length (m) | Quantity Per Container (Roll/Drum) | | |
|-----------|---------------------|--------------------------|------------------------------------|-----|------|
| | | | 20 | 40 | 40 H |
| VARDIT 16 | 0.4 | 800 Narrow | 360 | 720 | 828 |
| | 0.6 | 20cm spacing - 600 Wide | 264 | 528 | 616 |
| | | Other spacing - 800 Wide | | | |
| | 0.9 | 500 Wide | 150 | 300 | 350 |
| VARDIT 17 | 0.6 | 20cm spacing - 600 Wide | 264 | 528 | 616 |
| | | Other spacing - 800 Wide | | | |
| | 0.9 | 500 Wide | 150 | 300 | 350 |
| | 1.15 | 400 Roll | 150 | 300 | 350 |
| VARDIT 20 | 0.9 | 400 Roll | 150 | 300 | 350 |
| | 1.2 | 300 Roll | 133 | 266 | 300 |
| VARDIT 22 | 1.00 | 300 Wide | 264 | 528 | 616 |
| VARDIT 25 | 1.00 | 300 Wide | 264 | 528 | 616 |