



DNL

DRIPPERLINE NON LEAKAGE VALVE



APPLICATIONS

For use: in nurseries and greenhouses pulsed irrigation, in orchards intensive irrigation and sloped fields, where irrigation precision is imperative. The DNL is unsuitable for subsurface application.

SPECIFICATIONS

- Available in 0.2, 0.4 and 0.6 bar shut-off pressure
- A color coded piston: 0.2 bar – red; 0.4 bar – black; 0.6 bar – brown
- Inlets/outlets: 1/2" male threaded connector (with the possibility of connecting to a suitable dripperline adaptor)
- Ultrasonic welding of the newly improved cover and body
- A new silicon diaphragm enables much more pulses and suitable for intensive pulse irrigation

FEATURES AND BENEFITS

- Automatic end of irrigation shut-off valve
- Prevents water backflow or drainage of the system into low areas
- Eliminates the need for system water refill at the beginning of the next irrigation cycle
- Solution for: pulsed irrigation in greenhouses and nurseries. Intensive irrigation in orchards. Slope fields where irrigation precision is imperative

TYPICAL INSTALLATION





LOGISTIC INFORMATION & SAP CATALOGUE NUMBERS

| CATALOG NUMBER | PRODUCT DESCRIPTION | PRODUCT PICTURE |
|--|--|-----------------|
| 32000-003550 32000-003555 32000-003558 | DNL VALVE 1/2" MTH 2M DNL VALVE 1/2" MTH 2M 10/BAG DNL VALVE 1/2" MTH 2M + SDI COVER | |
| 32000-003560 32000-003565 32000-003568 | DNL VALVE 1/2" MTH 4M DNL VALVE 1/2" MTH 4M /10BAG DNL VALVE 1/2" MTH 4M+SDI COVER | |
| 32000-003570 32000-003580 32000-003590 | DNL VALVE 1/2" MTH 6M DNL VALVE 1/2" MTH 6M 10/BAG DNL VALVE 1/2" MTH 6M+SDI COVER | |

The DNL valve can be connected to the laterals with one of the following Netafim™ adapters (to be ordered separately):

| CATALOG NUMBER | PRODUCT DESCRIPTION | PRODUCT PICTURE |
|--|--|-----------------|
| 32500-018047 | 1/2" FEMALE THREADED ADAPTER FOR FAST CONNECTOR 16 W/RING | |
| 32500-018265 | 1/2" FEMALE THREADED ADAPTER FOR FAST CONNECTOR 22 W/RING | |
| 32500-013380 32500-007560 32500-010275 | 1/2" FEMALE THREADED ADAPTER FOR BARB 16 1/2" FEMALE THREADED ADAPTER FOR BARB 17 1/2" FEMALE THREADED ADAPTER FOR BARB 20 | |

PACKAGING DATA:

| WEIGHT (KG) | DIMENSIONS (CM) | QUANTITY | MODEL |
|-------------|-----------------|----------|-----------------|
| 7.1 | 24.8 x 27 x 56 | 350 | DNL w/mth conn. |

TECHNICAL INFORMATION

| FLOW RATE RECOMMENDED RANGE (L/H) | MAX. WORKING PRESSURE (BAR) | MIN. OPERATING PRESSURE (BAR) | SHUT-OFF PRESSURE (BAR) | INLET/OUTLET |
|-----------------------------------|-----------------------------|-------------------------------|-------------------------|---------------|
| 0-1000 | 4 | 0.8 | 0.2 | 1/2" male th. |
| 0-1000 | 4 | 1.2 | 0.4 | 1/2" male th. |
| 0-1000 | 4 | 1.6 | 0.6 | 1/2" male th. |

DNL - HEAD LOSS

