

Aries™



The Aries is a multi-year, non-pressure-compensated inline dripperline with the unique TurbuNext labyrinth from Netafim. The Aries has a large inlet filter and large passages in the labyrinth, making the dripper very reliable in flow rate and giving it a long service life. The Aries is a completely smooth line. Laying and removal of the line is easy.

APPLICATION

Applications for the Aries are particularly with shorter bed lengths in flower growing (indoor and outdoor), vegetable growing and fruit growing where a strong multi-year line is required

CHARACTERISTICS

- ✓ Large filter surface area in each dripper
- ✓ Wide water passage
- ✓ Reduced susceptibility to clogging
- ✓ Integrated dripper, low Cv value
- ✓ Frost-resistant

TECHNICAL DATA

Flow rate at 1 bar	: 1.0 / 2.0 l/h*
Line diameter	: 16 mm*
Wall thickness	: 1.0 mm
Dripper interval	: 20, 25, 30, 50 cm*
Working pressure	: 0.5-3.5 bar (with increasing flow rate)
Max. pressure	: 3.5 bar
Filtration	: 130 micron (irrigation set) : 100 micron (main filtration)
Coil length	: 500 m

*Other line diameters, flow rates and/or spacings on request

Flow rate vs. pressure

Pressure (bar)	0,6	1,0	1,5	2,0	2,5	3,0
Flow rate with 1.0 l/h dripper	0,8	1,0	1,2	1,4	1,5	1,7
Flow rate with 2.0 l/h dripper	1,6	2,0	2,4	2,8	3,0	3,3

Max. length (meters) with inlet pressure of 1.5 bar**

Line size (OD x w/t)	16 x 1,0 mm					
Dripper interval	cm	20	25	30	40	50
Maximum length at 1.0 l/h	meters	78	94	108	134	159
Maximum length at 2.0 l/h	meters	50	60	69	86	102

**Calculated with a flow variation of 10%, on level ground

INSTALLATION & MAINTENANCE

- ✓ The Aries (formerly RevaDur-Plus) is recognisable from the imprint "Aries" on the line.
- ✓ The Aries has a slightly different flow rate than its predecessor, the RevaDur. We therefore recommend that the lines are not installed together in the same irrigation section.
- ✓ The Aries can be installed with barb connectors, Nutlock and compression joints. With compression joints, use an insert bush (Art. No. 77300-116483 for 16 mm dia.).
- ✓ The Aries can be cleaned using acid, peroxide and chlorine-based agents.