

# Adi

## Cylindrical heavy-duty pressure compensated dripline

**Crops** • Citrus • Apples • Avocado • Mango • Almonds

**Applications** • Open field • Orchards • Landscaping

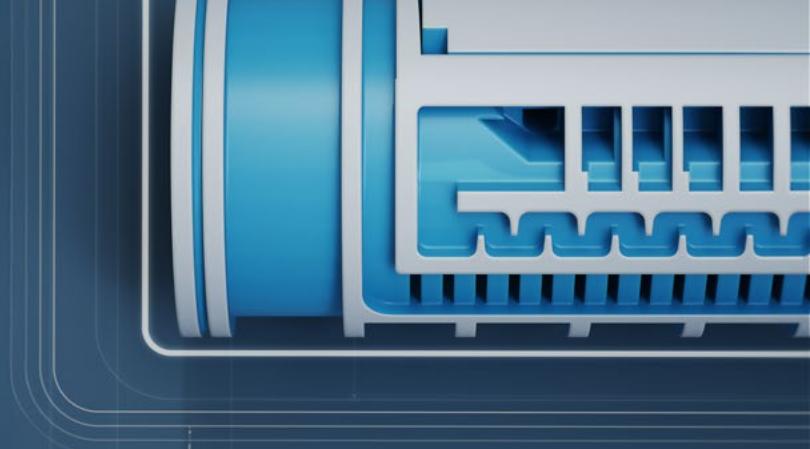
ADI is a heavy-duty pressure compensated cylindrical dripper, built to deliver consistent and reliable performance under tough field conditions. Designed for long-term use in open-field crops and orchards, ADI Dripline handles pressure and topographic changes as well as water quality challenges with ease. This robust legacy dripline has earned the confidence of growers looking for a solution that won't compromise when it counts. With precise water distribution and proven field performance, ADI ensures uniform irrigation season after season—making it a smart choice for professionals who value strength, stability, and peace of mind.

### Features & Benefits

- A Thick, chemical resistant silicone diaphragm ensures accuracy and high-pressure regulating performance for a long lifetime
- Wide water passages with turbulent flow pattern which ensures high clog-resistant
- Highly resistant to UV and typical agricultural fertilizers
- Unique and accurate self-flushing pressure compensating labyrinth mechanism
- 100% of drippers are inspected by online AI quality assurance system
- Dual inlet filter for various water sources and quality
- The largest Inlet filter area in the market – (up to 10 times larger than competitive drippers)
- Wide pressure compensation range - up to 4.3 bars
- Excellent for effluent reused water
- Very low CV

### Specifications

- Compatible with and approved by ISO9261 standard
- Driplines available at diameters of 16mm and 20mm
- Available flowrates:
  - For 16mm O.D. Driplines: 1.6,2.2,3.5 L/hr
  - For 20mm O.D Driplines: 1.6,2.2,3.5 L/hr
- Available with Rootguard Band® extruded layer to prevent root intrusion in SDI applications
- Available with Cleanline® extruded layer to prevent clogging when using water with high organic content
- Color striping available per grower's choice
- Adi Driplines can be manufactured with an additional color layer according to client's request. Available colors include Brown, Purple, white and more

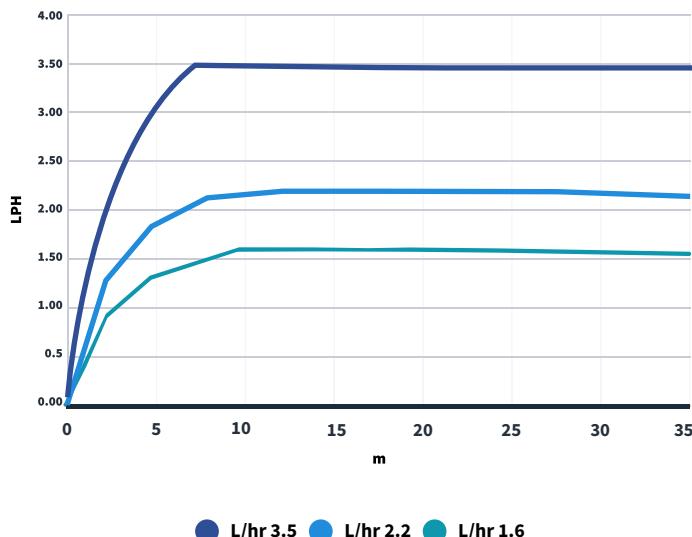


## Adi Dripper Technical Specifications

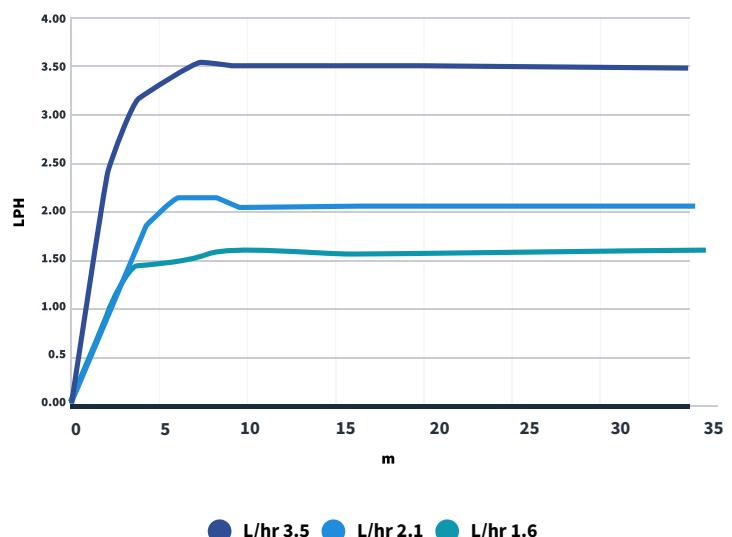
Nominal Diameter	Flow Rate L/hr	Working Pressure Range (m)	Primary Labyrinth Dimensions Width-Depth (mm)	Compensating Labyrinth Dimensions Width-Depth (mm)	Inlet Filter Slot width ( $\mu$ )	Inlet filter Area (mm <sup>2</sup> )	Recommended Filtration (micron/mesh)
16	1.6	8-40	0.85X 1.0	0.50X 0.69	0.4	280.28	120/130
16	2.2	8-40	0.9X 1.0	0.50X 0.69	0.4	280.28	120/130
16	3.5	8-40	1.2X 1.0	0.50X 0.69	0.4	280.28	120/130
20	1.6	8-35	0.9X 1.0	0.54X 0.4	0.7	348	120/130
20	2.1	8-35	0.95X 1.0	0.6X 0.4	0.7	348	120/130
20	3.5	8-35	1.2X 1.3	0.54X 0.7	0.7	347.4	120/130

## Flow rate Vs. Pressure

ADI 16mm



ADI 20mm



## Flow rate Vs. Pressure table ADI 16mm Dripper

Nominal Flow rate (L/hr)	pressure (m)						
	2	4	6	8	10	20	30
<b>1.6</b>	0.93	1.31	1.52	1.63	1.62	1.63	1.60
<b>2.2</b>	1.33	1.83	2.12	2.23	2.24	2.22	2.20
<b>3.5</b>	1.9	2.99	3.57	3.58	3.53	3.49	3.50

## Flow rate Vs. Pressure table ADI 20mm Dripper

Nominal Flow rate (L/hr)	pressure (m)						
	2	4	6	8	10	20	30
<b>1.6</b>	0.95	1.21	1.41	1.53	1.54	1.58	1.56
<b>2.1</b>	1.12	1.52	1.81	1.98	2.02	2.02	2.03
<b>3.5</b>	2.43	3.20	3.47	3.58	3.57	3.52	3.48



# Adi

## Adi Dripline Technical Data

Model	Ø Inside Diameter (mm)	Wall Thickness (mm)	Max working pressure (m)	KD
<b>ADI16090</b>	13.8	0.90	30	1.12
<b>ADI16100</b>	13.8	1.00	40	1.12
<b>ADI16110</b>	13.8	1.10	40	1.12
<b>ADI16115</b>	13.8	1.15	40	1.12
<b>ADI20100</b>	17.4	1.00	35	0.85
<b>ADI20110</b>	17.4	1.10	35	0.85
<b>ADI20115</b>	17.4	1.15	35	0.85
<b>ADI20120</b>	17.4	1.20	35	0.85



Calculate Adi dripline's lateral length  
with our [\*\*Irrimetzer app!\*\*](#)



## Keep in touch!

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 [metzer-group.com](http://metzer-group.com)



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