UNITED IRRIGATION TECHNOLOGIES
المتحدة لتكنولوجيا الري

AQUAFLOW

LIGHT FLAT NON-PC DRIPLINE



مجلس أبوظبي للجودة والمطابقة
Abu Dhabi Quality & Conformity Council

صنع في الإمارات
MADE IN THE EMIRATES

Web: www.uitpipes.ae
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AQUAFLOW
Light Flat Non-PC Dripline

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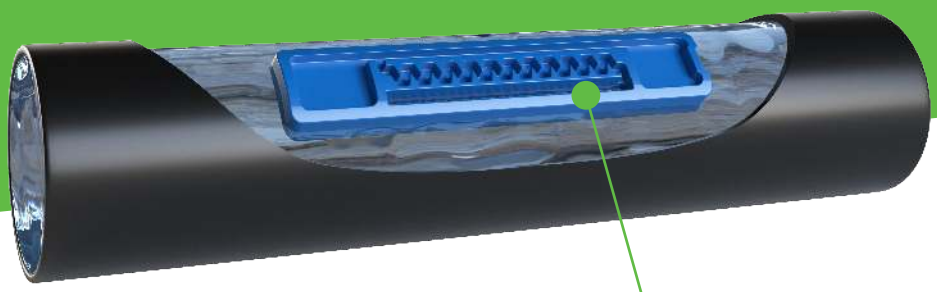
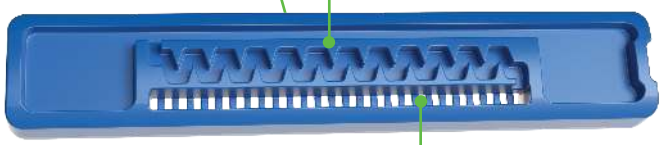
Especially Designed For Precision Irrigation

AQUAFLOW is tailored to economical farmers irrigating in favorable conditions, typically used in agriculture. AQUAFLOW is the superior non-pressure compensating dripline, boasting a large clog-resistant inlet filter with a wide turbulent flow labyrinth, providing resistant to clogging.

Landscaping | Orchards | Row Crops







- ☑ Dripper Flow Rates 0.8 /1.0 /1.2 /1.6 /2.0 /4.0 l/h
- ☑ Dripline Diameters 12 / 16 / 17 / 20 / 22 / 25mm
- ☑ Recommended Filtration 120 mesh / 130 micron
- ☑ Dripper Spacing 20, 30, 40, 50, 60, 80, 100cm
- ☑ Dripline Wall Thickness 0.6mm-1.1mm
- ☑ Large clog-resistant inlet filter
- ☑ Wide labyrinth water passageways for turbulent flow

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Al 'Eed 5 Street, Abu Dhabi Industrial City, ICAD III, United Arab Emirates

UIT
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AQUAFLOW
Dripline Features

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- Manufactured under the ISO9261 standard
- Wall thickness flexibility allows for cost optimization of projects based on agricultural cycle
- Rich in Carbon Black Content to maximize lifetime and solidify the pipe's mechanical performance
- High UV resistantance via high quality masterbach formula; Meets the ISO 9261 Standards.
- Dripper flowrate with a Coefficient of Variation of less than 5%. Regular inhouse lab testing to asssure quality

AQUAFLOW – Light Flat Non-PC Dripline

Drip Line Nominal Diameter	Inside Diameter (mm)	Wall Thickness (mm)	Manimum Working Pressure (bar)	Maximum Working Pressure (bar)	Dripper Kd
Lin 12 mm	11.15	0.3 -0.4	0.5	2.0	0.3
Lin 16 mm	15.8	0.15 -0.4	0.5	1.0 -2.0	0.18
Lin 16 mm	15.2	0.5 -0.6	0.5	2.5	0.20
Lin 16 mm	13.8	0.8 - 0.9	0.5	3.0	0.25

Note: *max. pressure in the lateral is according to the diameter and W.T. specification.*

AQUAFLOW 16

Dripline max. lateral length (m) | I.D. 15.2 mm, W.T. 0.6 mm, nominal diameter 16 mm, slope = 0% Inlet pressure - 2.5 bar.

Nominal Flow Rate (l/h)	Spacing between Drippers (cm)						
	20	30	40	50	60	75	100
0.8	118	156	189	219	247	286	345
1.0	101	134	162	188	212	246	297
1.2	94	120	146	169	190	221	266
1.6	74	99	120	139	157	182	220
2.1	64	85	104	121	136	158	191
4	41	54	66	77	87	100	121

Different dripper spacings available upon request.



AQUAFLOW - WW - XX - YY - ZZ

- Nominal Diameter
- Wall Thickness
- Flowrate
- Dripper Spacing

HOW TO ORDER

AQUAFLOW-16-09-20-50

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