



Affordable + quality
irrigation supplies

Local is lekker

2025 Catalogue

Manufacturers of **#Afriq Drip** dripline systems
& Quick Coupling HDPE Sprinkler Systems

Suppliers of Rain Hose, Irrigation Filters & Fertilizer Systems



Please note!

We are not an irrigation shop. We are not open to the public.

We are primarily an irrigation manufacturer and supplier. The majority of our products are distributed through Irrigation Unlimited, one of the leading irrigation suppliers in Southern Africa, directly to Co-Ops and irrigation shops all over Southern Africa.

The items that are not available through Irrigation Unlimited, such as our orange sprinkler heads, do not have a banner that says 'Afriq Water proudly distributed by IU'

Our catalogue T&C's

Prices excludes delivery

Returns

A 15% handling charge will be levied on all returns. Transport costs are also for the account of the buyer.

Risk

The risk in the products to be sold by the company shall pass to the purchaser when the products are delivered to the purchaser, or received by the purchaser.

Date of Price List

If the price list is older than 2 weeks, you should enquire about the validity thereof. Once an updated pricelist is loaded onto our website, that price is considered the most recent and up-to-date price.

Own risk

It is recommended and beneficial to review your quotation in detail, to ensure we have met all of your requirements.

- ♦ All prices includes VAT.
- ♦ E & OE (Errors & Omissions Expected).
- ♦ Lead times are subject to change without prior notice.
- ♦ Please place your orders early to ensure timeous delivery.
- ♦ EFT Payments should reflect and be cleared by our accounts department before any goods can be scheduled.

Validity

This catalogue is only valid as long as it is the most recent upload on www.afriqwater.co.za. Prices are subject to change without notice, and Afriq Water maintains the right to charge most recent up-to-date prices on official documentation.

Our important info

Our banking details are to be found at the top left of our documents. These banking details will NOT change without prior notice in written form directly on our letterhead.

Afriq Water's account ends in 5810
Afriq Irripipe's account ends in 2036

Afriq Water Management (Pty) Ltd.

VAT no: 4200269639 | Exporters Code: 21532648 | Reg. no: 2015/103339/07

Afriq Irripipe (Pty) Ltd.

VAT no: 4740293214 | Exporters Code: 25094233 | Reg. no: 2020/539256/07

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www.afriqwater.co.za

Attention: Retailers

We highly recommend contacting Irrigation Unlimited directly for any reseller opportunities. Irrigation Unlimited is one of Southern Africa's largest suppliers of irrigation materials. Their transport policies and service are unrivalled.

We are incredibly proud to form part of their supplier list, and stand behind their ethics and people completely.

Visit their website to learn more, www.iunlimited.co.za





Afriq Water is the proud manufacturer of Afriq Drip quality, value-for-money dripline, made in South Africa. Our mission to irrigate for a greener tomorrow starts with our Water-Wise irrigation range.



www.afriqwater.co.za



Afriq Drip Drip Irrigation



Afriq Drip Dripline Benefits



Water-Wise Irrigation

Water is delivered directly to the root zone of the crop, utilising every drop.

Dripline delivers a higher yield without compromising precious water resources.

Dripline Benefits



Increased yield and quality by up to 30%



Easy installation and dismantling



Decreased water usage by up to 50%



Prevents diseases on leaves, stems & crop



Irrigates uniformly on most soil types



Limited evaporation, wets soil not leaves



Ideal for most crop types, from veggies to fruits

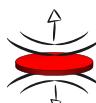


Can be gravity-fed if topography allows



Reduced weed growth as it wets only the beds

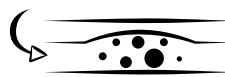
Pressure Compensating Dripline



Pressure Compensating, controlled by a silicone diaphragm



Uniform flow rates across different ratings pressure



Anti-clogging



Self-cleaning



Ideal Non-Pressure Compensating Uses

- Row crops
- Orchards
- Landscaping
- Gardening
- Vegetable
- Surface installations
- Most irrigation installations

Ideal Pressure Compensating Uses

- Long laterals (which cause pressure fluctuations at end of a line)
- Uneven terrain (which causes pressure fluctuations across dripline lines)
- Greenhouses
- Orchards
- Pulse Irrigation (for Non-Drain emitters)
- Sub-surface (for Anti-Syphon emitters)





Dripline Definitions

Dripline Irrigation

Also known as dripper lines, drip tape irrigation or trickle irrigation

An irrigation method or system that delivers water directly to the root zone of the crop, in the form of single water droplets. The emitters on the inner walls determine the litres per hour. This method keeps roots moist, but not soaked, all while using less water than other irrigation techniques.

Labyrinth Dripline

Dripline without emitters

Labyrinth dripline is modelled after traditional dripline irrigation, all without a dripline emitter. Water flows through the pipe, is pushed through the labyrinth and exits the pipe without extra parts.

Pressure Compensating Dripline Irrigation

PC Drip Irrigation utilizes unique emitters that maintains water flow across all emitters in a system, even when there are pressure variations along the lines or across the field. Non-PC drip uses a less complex emitter that has a consistent flow at 1 BAR, and is affected by pressure variations.

Flow Rate

The litres of water emitted by the emitters, per hour, at 1 BAR.

Emitters

A small plastic device, used to control the flow rate and litres per hour of water (measured at 1 BAR) from the system to the emitter hold, welded to the inner walls of the dripline pipe during manufacturing. The design of each litre per hour emitter is unique, engineered to obstruct and control the movement of water to deliver a precise, accurate flow rate.



Emitter Spacing

The distance between two emitters, repeated across a roll of dripline.



Pre-Installed Emitters

Afriq Water manufactures driplines with pre-installed emitters, meaning that the emitters are melted to the inner walls of the dripline.

Blanco Dripline

Dripline without emitters, simply called a Blanco Pipe.

Area Covered

The surface area that can be irrigated with the system; subject to area design.



Afriq Drip Dripline Definitions



Afriq Drip Types of Dripline

For water with lime



Types of Dripline

AVAILABLE IN PC DRIP

0.15mm Wall Thickness

Light | One-Season (3 Month) Drip Tape | 2 500m

Paper thin drip tape, with plastic lending it some strength. An economic starter choice.

0.20mm Wall Thickness

Light | Two-Season (6 Month) Drip Tape | 2 000m

Paper thin drip tape, with plastic lending it some strength. A slightly more durable economic choice. Contains some UV for a slightly longer lifespan.

0.30mm Wall Thickness

Medium | One-Year Dripline | 1 250m Roll

Soft yet slightly firm, bendable dripline. An economical yet more durable choice, with more UV making it slightly thicker.

0.40mm Wall Thickness

Medium | Two-Year Dripline | 1 000m Roll

Firm, yet flexible dripline. A good economic choice that will last for longer than tape, ideal for farmers who need to consider their economic situation to decide what will work best.

0.60mm Wall Thickness

Medium | Four-Year Dripline | 700m Roll

Thick, yet bendable dripline. Contains more UV than the 0.40mm, making it thicker and with a longer life expectancy, making it a long-term solution.

0.90mm Wall Thickness

Heavy | Five-Year Dripline | 500m Roll

Very thick, slightly unyielding and strong. High UV%, a very popular long-term solution.

1.00mm Wall Thickness

Heavy | Five-Year+ Dripline | 400m Roll

Most durable dripline. Extremely thick, unyielding and strong. With high UV%, this dripline is the long-term solution.

| Wall Thickness | Roll Length |
|----------------|-------------|
| 0.15mm | 2 500m |
| 0.20mm | 2 000m |
| 0.30mm | 1 250m |
| 0.40mm | 1 000m |
| 0.60mm | 700m |
| 0.90mm | 500m |
| 1.00mm | 400m |

Available in PC
Available in 12mm

| Emitter Spacing cm | Flow Rate Litres p/h | | PC Emitter Type | Flow Rate Litres p/h |
|-----------------------|-------------------------|---------|-----------------|-------------------------|
| | Non-PC | PC Drip | | |
| BLANCO *** | | | | |
| 20 **** | | | | |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |
| 60 | 0.8 | 1 | Anti-Syphon | 0.8 |
| 75 | 1.3 | 1.5 | Drain | 1.3 |
| 90 | 1.6 | 2 | Non-Drain * | 1.6 |
| 100 | 2 | 2.4 ** | | 2 |
| 120 | 3.8 ** | 3.8 ** | | 3.8 ** |

CUSTOMISATION OPTIONS

*Non-Drain Emitters available per order, with longer lead times | **PC 2.4 and 3.8 l/h, and Non-PC 3.8 l/h available per order, with longer lead times.

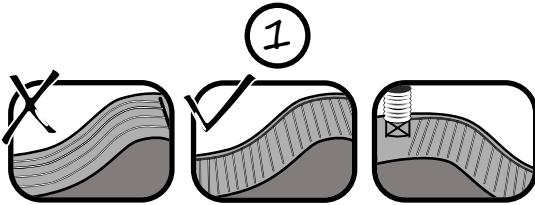
BLANCO dripline only available on 0.90mm and 1.00mm | *20cm Spacing NOT available for PC 0.40mm and 0.60mm WT

Lifetime estimates are for the dripline pipes only, as any particles (lime, dirt, sand, etc.) will clog emitters





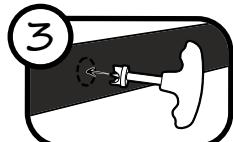
Installation Steps



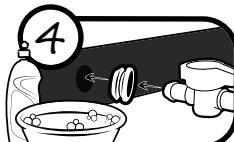
Plan out your design layout
get inspired by designs to follow



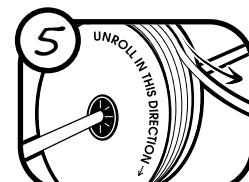
Add sufficient 130micron filters
after water source and before every block



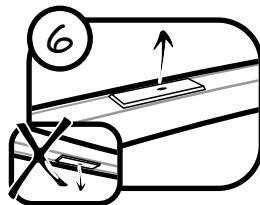
Install mainline and
punch holes



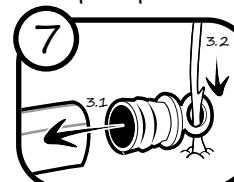
Insert sealing rubbers &
Off-Take Connectors
Tip: Use warm, soapy water to
help this process



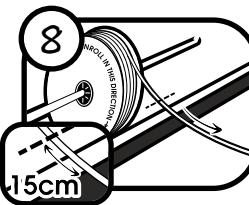
Unroll on spool



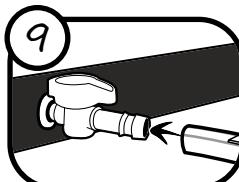
Drippers facing up



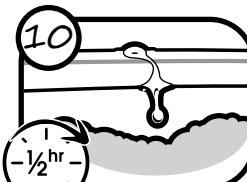
Anchor drip + end plug



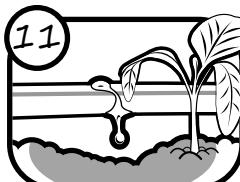
Cut 15cm
above mainline



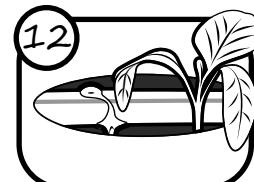
Connect drip
to fittings



Run and test the
system for 30 minutes



Plant seedlings
next to drippers

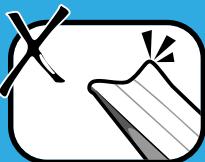


Mulch with hay,
bark or plastic

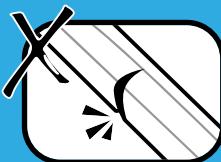
Step 13 Enjoy a bountiful harvest!



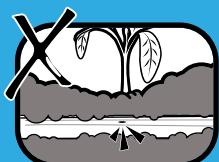
Do not twist



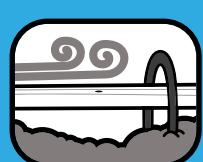
Do not bend



Do not cut



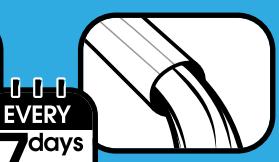
Do not bury
Non-PC drip



Anchor down
in windy areas



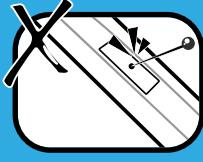
Flush &
clean filter



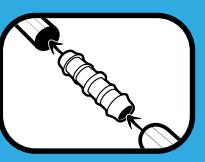
EVERY
7 days
Remove end
plug & flush lines



Remove rocks
under drip



Do not unclog
with a needle



Repair dripline
with connectors

Afrig Drip Installation Steps



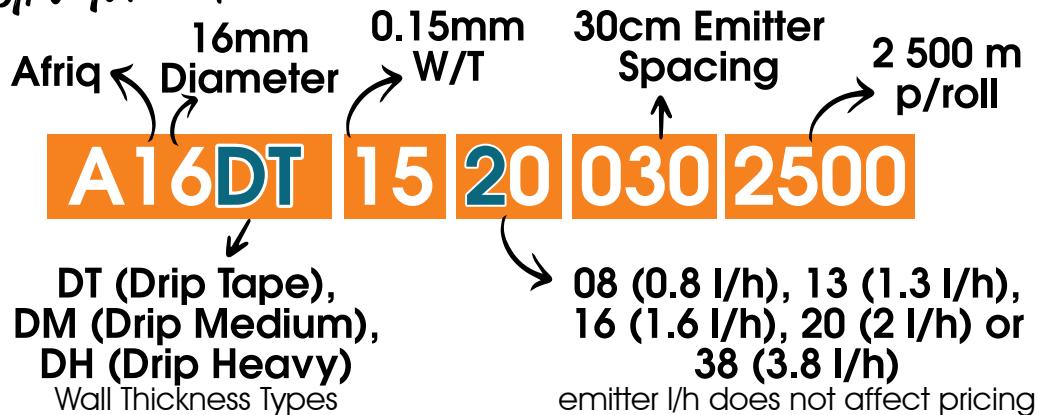
Afriq Drip 16mm Non-PC Prices



16mm Non-PC Dripline Prices

REFER TO PAGE 4 FOR ALL SPACING | FLOW | W/T AVAILABLE ON REQUEST

The structure of our codes



THE Emitter Litres per Hour DOES NOT AFFECT PRICING

16mm 0.15mm Wall Thickness Drip Tape / Disposable Dripline

Seasonal | Disposable | Made to last 3 months or 1 season

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A16DT15200202500 | 0.15 mm | 2 | 20 | 2 500 | R 1.29 | R 3 225.00 | R 1.48 | R 3 708.75 |
| A16DT15200302500 | | | 30 | 2 500 | R 1.10 | R 2 750.00 | R 1.27 | R 3 162.50 |
| A16DT15200402500 | | | 40 | 2 500 | R 1.05 | R 2 625.00 | R 1.21 | R 3 018.75 |
| A16DT15200502500 | | | 50 | 2 500 | R 1.03 | R 2 575.00 | R 1.18 | R 2 961.25 |
| A16DT15200602500 | | | 60 | 2 500 | R 0.97 | R 2 425.00 | R 1.12 | R 2 788.75 |
| A16DT15200752500 | | | 75 | 2 500 | R 0.94 | R 2 350.00 | R 1.08 | R 2 702.50 |
| A16DT15200902500 | | | 90 | 2 500 | R 0.92 | R 2 300.00 | R 1.06 | R 2 645.00 |
| A16DT15201002500 | | | 100 | 2 500 | R 0.91 | R 2 275.00 | R 1.05 | R 2 616.25 |
| A16DT15201202500 | | | 120 | 2 500 | R 0.89 | R 2 225.00 | R 1.02 | R 2 558.75 |

16mm 0.20mm Wall Thickness Drip Tape / Disposable Dripline

Seasonal | Disposable | Made to last 6 months or 2 seasons

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A16DT20200202000 | 0.20 mm | 2 | 20 | 2 000 | R 1.45 | R 2 900.00 | R 1.67 | R 3 335.00 |
| A16DT20200302000 | | | 30 | 2 000 | R 1.31 | R 2 620.00 | R 1.51 | R 3 013.00 |
| A16DT20200402000 | | | 40 | 2 000 | R 1.21 | R 2 420.00 | R 1.39 | R 2 783.00 |
| A16DT20200502000 | | | 50 | 2 000 | R 1.20 | R 2 400.00 | R 1.38 | R 2 760.00 |
| A16DT20200602000 | | | 60 | 2 000 | R 1.13 | R 2 260.00 | R 1.30 | R 2 599.00 |
| A16DT20200752000 | | | 75 | 2 000 | R 1.10 | R 2 200.00 | R 1.27 | R 2 530.00 |
| A16DT20200902000 | | | 90 | 2 000 | R 1.07 | R 2 140.00 | R 1.23 | R 2 461.00 |
| A16DT20201002000 | | | 100 | 2 000 | R 1.06 | R 2 120.00 | R 1.22 | R 2 438.00 |
| A16DT20201202000 | | | 120 | 2 000 | R 1.05 | R 2 100.00 | R 1.21 | R 2 415.00 |

Does not include dripline fittings



Afrig Drip 16mm Non-PC Prices

16mm 0.30mm Wall Thickness Medium Dripline

Medium Dripline | Made to last 1 Year

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A16DM30200201250 | 0.30 mm | 2 | 20 | 1 250 | R 2.13 | R 2 662.50 | R 2.45 | R 3 061.88 |
| A16DM30200301250 | | | 30 | 1 250 | R 1.95 | R 2 437.50 | R 2.24 | R 2 803.13 |
| A16DM30200401250 | | | 40 | 1 250 | R 1.86 | R 2 325.00 | R 2.14 | R 2 673.75 |
| A16DM30200501250 | | | 50 | 1 250 | R 1.80 | R 2 250.00 | R 2.07 | R 2 587.50 |
| A16DM30200601250 | | | 60 | 1 250 | R 1.77 | R 2 212.50 | R 2.04 | R 2 544.38 |
| A16DM30200751250 | | | 75 | 1 250 | R 1.73 | R 2 162.50 | R 1.99 | R 2 486.88 |
| A16DM30200901250 | | | 90 | 1 250 | R 1.71 | R 2 137.50 | R 1.97 | R 2 458.13 |
| A16DM30201001250 | | | 100 | 1 250 | R 1.70 | R 2 125.00 | R 1.96 | R 2 443.75 |
| A16DM30201201250 | | | 120 | 1 250 | R 1.68 | R 2 100.00 | R 1.93 | R 2 415.00 |

16mm 0.40mm Wall Thickness Medium Dripline

Medium Dripline | Made to last 2 Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A16DM40200201000 | 0.40 mm | 2 | 20 | 1 000 | R 2.60 | R 2 600.00 | R 2.99 | R 2 990.00 |
| A16DM40200301000 | | | 30 | 1 000 | R 2.42 | R 2 420.00 | R 2.78 | R 2 783.00 |
| A16DM40200401000 | | | 40 | 1 000 | R 2.33 | R 2 330.00 | R 2.68 | R 2 679.50 |
| A16DM40200501000 | | | 50 | 1 000 | R 2.28 | R 2 280.00 | R 2.62 | R 2 622.00 |
| A16DM40200601000 | | | 60 | 1 000 | R 2.24 | R 2 240.00 | R 2.58 | R 2 576.00 |
| A16DM40200751000 | | | 75 | 1 000 | R 2.20 | R 2 200.00 | R 2.53 | R 2 530.00 |
| A16DM40200901000 | | | 90 | 1 000 | R 2.18 | R 2 180.00 | R 2.51 | R 2 507.00 |
| A16DM40201001000 | | | 100 | 1 000 | R 2.17 | R 2 170.00 | R 2.50 | R 2 495.50 |
| A16DM40201201000 | | | 120 | 1 000 | R 2.15 | R 2 150.00 | R 2.47 | R 2 472.50 |

16mm 0.60mm Wall Thickness Medium Dripline

Medium Dripline | Made to last 4 Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A16DM60200200700 | 0.60 mm | 2 | 20 | 700 | R 3.34 | R 2 338.00 | R 3.84 | R 2 688.70 |
| A16DM60200300700 | | | 30 | 700 | R 3.17 | R 2 219.00 | R 3.65 | R 2 551.85 |
| A16DM60200400700 | | | 40 | 700 | R 3.09 | R 2 163.00 | R 3.55 | R 2 487.45 |
| A16DM60200500700 | | | 50 | 700 | R 3.04 | R 2 128.00 | R 3.50 | R 2 447.20 |
| A16DM60200600700 | | | 60 | 700 | R 3.00 | R 2 100.00 | R 3.45 | R 2 415.00 |
| A16DM60200750700 | | | 75 | 700 | R 2.97 | R 2 079.00 | R 3.42 | R 2 390.85 |
| A16DM60200900700 | | | 90 | 700 | R 2.95 | R 2 065.00 | R 3.39 | R 2 374.75 |
| A16DM60201000700 | | | 100 | 700 | R 2.94 | R 2 058.00 | R 3.38 | R 2 366.70 |
| A16DM60201200700 | | | 120 | 700 | R 2.92 | R 2 044.00 | R 3.36 | R 2 350.60 |

Does not include dripline fittings



Afriq Drip 16mm Non-PC Prices



16mm 0.90mm Wall Thickness Durable / Heavy Dripline

Durable Dripline | Made to last 5 Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A16DH90100000500 | 0.90 mm | 2 | BLANCO | 500 | R 3.97 | R 1 985.00 | R 4.57 | R 2 282.75 |
| A16DH90200200500 | | | 20 | 500 | R 4.42 | R 2 210.00 | R 5.08 | R 2 541.50 |
| A16DH90200300500 | | | 30 | 500 | R 4.27 | R 2 135.00 | R 4.91 | R 2 455.25 |
| A16DH90200400500 | | | 40 | 500 | R 4.19 | R 2 095.00 | R 4.82 | R 2 409.25 |
| A16DH90200500500 | | | 50 | 500 | R 4.15 | R 2 075.00 | R 4.77 | R 2 386.25 |
| A16DH90200600500 | | | 60 | 500 | R 4.12 | R 2 060.00 | R 4.74 | R 2 369.00 |
| A16DH90200750500 | | | 75 | 500 | R 4.09 | R 2 045.00 | R 4.70 | R 2 351.75 |
| A16DH90200900500 | | | 90 | 500 | R 4.07 | R 2 035.00 | R 4.68 | R 2 340.25 |
| A16DH90201000500 | | | 100 | 500 | R 4.06 | R 2 030.00 | R 4.67 | R 2 334.50 |
| A16DH90201200500 | | | 120 | 500 | R 4.05 | R 2 025.00 | R 4.66 | R 2 328.75 |

16mm 0.40mm Wall Thickness Durable / Heavy Dripline

Durable Dripline | Made to last 5+ Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A16DH10100000500 | 1.00 mm | 2 | BLANCO | 400 | R 4.22 | R 1 688.00 | R 4.85 | R 1 941.20 |
| A16DH10200200500 | | | 20 | 400 | R 4.63 | R 1 852.00 | R 5.32 | R 2 129.80 |
| A16DH10200300500 | | | 30 | 400 | R 4.49 | R 1 796.00 | R 5.16 | R 2 065.40 |
| A16DH10200400500 | | | 40 | 400 | R 4.43 | R 1 772.00 | R 5.09 | R 2 037.80 |
| A16DH10200500500 | | | 50 | 400 | R 4.39 | R 1 756.00 | R 5.05 | R 2 019.40 |
| A16DH10200600500 | | | 60 | 400 | R 4.36 | R 1 744.00 | R 5.01 | R 2 005.60 |
| A16DH10200750500 | | | 75 | 400 | R 4.33 | R 1 732.00 | R 4.98 | R 1 991.80 |
| A16DH10200900500 | | | 90 | 400 | R 4.31 | R 1 724.00 | R 4.96 | R 1 982.60 |
| A16DH10201000500 | | | 100 | 400 | R 4.30 | R 1 720.00 | R 4.95 | R 1 978.00 |
| A16DH10201200500 | | | 120 | 400 | R 4.29 | R 1 716.00 | R 4.93 | R 1 973.40 |

Does not include dripline fittings

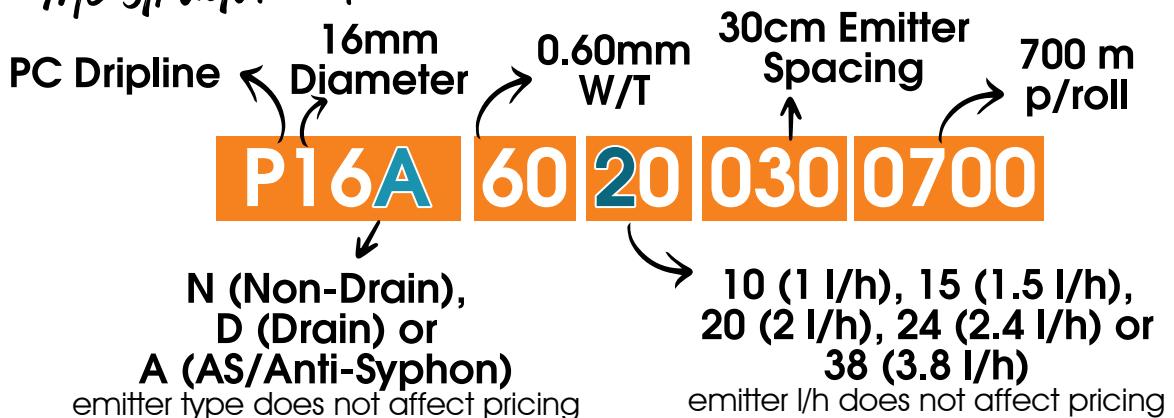




16mm PC Dripline Prices

REFER TO PAGE 4 FOR ALL SPACING | FLOW | W/T AVAILABLE ON REQUEST

The structure of our codes



THE Emitter LITRES PER HOUR DOES NOT AFFECT PRICING

16mm 0.40mm Wall Thickness Pressure Compensating Dripline

Medium Dripline | Made to last 2 Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|----------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| P16A4200301000 | 0.40 mm | 2 | 30 | 1 000 | R 6.50 | R 6 500.00 | R 7.48 | R 7 475.00 |
| P16A4200401000 | | | 40 | 1 000 | R 5.58 | R 5 580.00 | R 6.42 | R 6 417.00 |
| P16A4200501000 | | | 50 | 1 000 | R 5.03 | R 5 030.00 | R 5.78 | R 5 784.50 |
| P16A4200601000 | | | 60 | 1 000 | R 4.66 | R 4 660.00 | R 5.36 | R 5 359.00 |
| P16A4200751000 | | | 75 | 1 000 | R 4.29 | R 4 290.00 | R 4.93 | R 4 933.50 |
| P16A4200901000 | | | 90 | 1 000 | R 4.05 | R 4 050.00 | R 4.66 | R 4 657.50 |
| P16A4201001000 | | | 100 | 1 000 | R 3.92 | R 3 920.00 | R 4.51 | R 4 508.00 |
| P16A4201201000 | | | 120 | 1 000 | R 3.74 | R 3 740.00 | R 4.30 | R 4 301.00 |

16mm 0.60mm Wall Thickness Pressure Compensating Dripline

Medium Dripline | Made to last 4 Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|----------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| P16A6200300700 | 0.60 mm | 2 | 30 | 700 | R 7.20 | R 5 040.00 | R 8.28 | R 5 796.00 |
| P16A6200400700 | | | 40 | 700 | R 6.28 | R 4 396.00 | R 7.22 | R 5 055.40 |
| P16A6200500700 | | | 50 | 700 | R 5.73 | R 4 011.00 | R 6.59 | R 4 612.65 |
| P16A6200600700 | | | 60 | 700 | R 5.36 | R 3 752.00 | R 6.16 | R 4 314.80 |
| P16A6200750700 | | | 75 | 700 | R 4.99 | R 3 493.00 | R 5.74 | R 4 016.95 |
| P16A6200900700 | | | 90 | 700 | R 4.75 | R 3 325.00 | R 5.46 | R 3 823.75 |
| P16A6201000700 | | | 100 | 700 | R 4.63 | R 3 241.00 | R 5.32 | R 3 727.15 |
| P16A6201200700 | | | 120 | 700 | R 4.44 | R 3 108.00 | R 5.11 | R 3 574.20 |

Does not include dripline fittings

Afriq Drip 16mm PC Prices



16mm 0.90mm Wall Thickness Pressure Compensating Dripline

Durable Dripline | Made to last 5 Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|----------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| P16A9200200500 | 0.90 mm | 2 | 20 | 500 | R 10.80 | R 5 400.00 | R 12.42 | R 6 210.00 |
| P16A9200300500 | | | 30 | 500 | R 8.96 | R 4 480.00 | R 10.30 | R 5 152.00 |
| P16A9200400500 | | | 40 | 500 | R 8.04 | R 4 020.00 | R 9.25 | R 4 623.00 |
| P16A9200500500 | | | 50 | 500 | R 7.49 | R 3 745.00 | R 8.61 | R 4 306.75 |
| P16A9200600500 | | | 60 | 500 | R 7.12 | R 3 560.00 | R 8.19 | R 4 094.00 |
| P16A9200750500 | | | 75 | 500 | R 6.76 | R 3 380.00 | R 7.77 | R 3 887.00 |
| P16A9200900500 | | | 90 | 500 | R 6.51 | R 3 255.00 | R 7.49 | R 3 743.25 |
| P16A9201000500 | | | 100 | 500 | R 6.39 | R 3 195.00 | R 7.35 | R 3 674.25 |
| P16A9201200500 | | | 120 | 500 | R 6.21 | R 3 105.00 | R 7.14 | R 3 570.75 |

16mm 1.00mm Wall Thickness Pressure Compensating Dripline

Durable Dripline | Made to last 5+ Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|----------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| P16A1200200400 | 1.00 mm | 2 | 20 | 400 | R 10.85 | R 4 340.00 | R 12.48 | R 4 991.00 |
| P16A1200300400 | | | 30 | 400 | R 9.12 | R 3 648.00 | R 10.49 | R 4 195.20 |
| P16A1200400400 | | | 40 | 400 | R 8.25 | R 3 300.00 | R 9.49 | R 3 795.00 |
| P16A1200500400 | | | 50 | 400 | R 7.73 | R 3 092.00 | R 8.89 | R 3 555.80 |
| P16A1200600400 | | | 60 | 400 | R 7.39 | R 2 956.00 | R 8.50 | R 3 399.40 |
| P16A1200750400 | | | 75 | 400 | R 7.04 | R 2 816.00 | R 8.10 | R 3 238.40 |
| P16A1200900400 | | | 90 | 400 | R 6.81 | R 2 724.00 | R 7.83 | R 3 132.60 |
| P16A1201000400 | | | 100 | 400 | R 6.69 | R 2 676.00 | R 7.69 | R 3 077.40 |
| P16A1201200400 | | | 120 | 400 | R 6.52 | R 2 608.00 | R 7.50 | R 2 999.20 |

Does not include dripline fittings

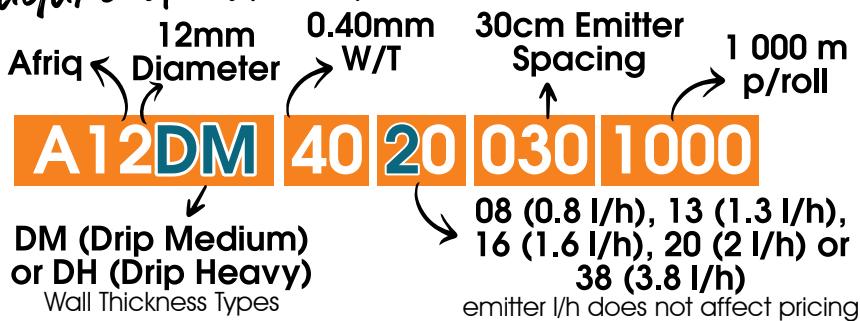




12mm Non-PC Dripline Prices

REFER TO PAGE 4 FOR ALL SPACING | FLOW | W/T AVAILABLE ON REQUEST

The structure of our codes



12mm 0.40mm Wall Thickness Medium Dripline

Medium Dripline | Made to last 2 Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A12DM40200201000 | 0.40 mm | 2 | 20 | 1 000 | R 2.00 | R 2 000.00 | R 2.30 | R 2 300.00 |
| A12DM40200301000 | | | 30 | 1 000 | R 1.84 | R 1 840.00 | R 2.12 | R 2 116.00 |
| A12DM40200401000 | | | 40 | 1 000 | R 1.76 | R 1 760.00 | R 2.02 | R 2 024.00 |
| A12DM40200601000 | | | 60 | 1 000 | R 1.67 | R 1 670.00 | R 1.92 | R 1 920.50 |
| A12DM40200751000 | | | 75 | 1 000 | R 1.64 | R 1 640.00 | R 1.89 | R 1 886.00 |
| A12DM40200901000 | | | 90 | 1 000 | R 1.62 | R 1 620.00 | R 1.86 | R 1 863.00 |

12mm 0.60mm Wall Thickness Medium Dripline

Medium Dripline | Made to last 4 Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A12DM60200200700 | 0.60 mm | 2 | 20 | 700 | R 2.61 | R 1 827.00 | R 3.00 | R 2 101.05 |
| A12DM60200300700 | | | 30 | 700 | R 2.45 | R 1 715.00 | R 2.82 | R 1 972.25 |
| A12DM60200400700 | | | 40 | 700 | R 2.37 | R 1 659.00 | R 2.73 | R 1 907.85 |
| A12DM60200600700 | | | 60 | 700 | R 2.29 | R 1 603.00 | R 2.63 | R 1 843.45 |
| A12DM60200750700 | | | 75 | 700 | R 2.25 | R 1 575.00 | R 2.59 | R 1 811.25 |
| A12DM60200900700 | | | 90 | 700 | R 2.23 | R 1 561.00 | R 2.56 | R 1 795.15 |

12mm 0.90mm Wall Thickness Durable / Heavy Dripline

Heavy Dripline | Made to last 5 Years

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|------------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| A12DH90200200500 | 0.90 mm | 2 | 20 | 500 | R 3.22 | R 1 610.00 | R 3.70 | R 1 851.50 |
| A12DH90200300500 | | | 30 | 500 | R 3.07 | R 1 535.00 | R 3.53 | R 1 765.25 |
| A12DH90200400500 | | | 40 | 500 | R 3.00 | R 1 500.00 | R 3.45 | R 1 725.00 |
| A12DH90200600500 | | | 60 | 500 | R 2.93 | R 1 465.00 | R 3.37 | R 1 684.75 |
| A12DH90200750500 | | | 75 | 500 | R 2.90 | R 1 450.00 | R 3.34 | R 1 667.50 |
| A12DH90200900500 | | | 90 | 500 | R 2.88 | R 1 440.00 | R 3.31 | R 1 656.00 |

Does not include dripline fittings



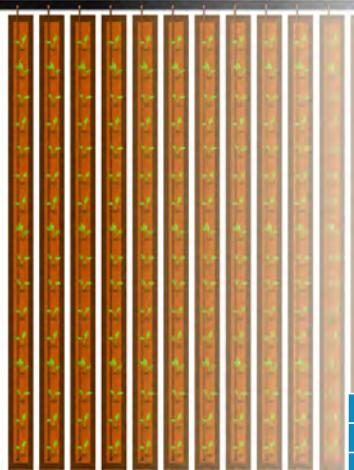
Afriq Drip 12mm Non-PC Prices

Afriq Drip Dripline Layout Options



Dripline Irrigation Layout Options

Hectare Design Suggestion Long lateral lengths



| | QTY |
|------------------------|-------|
| Block width | 100 m |
| Block length | 100 m |
| Amount of beds | 100 |
| Dripline lines per bed | 1 |
| Amount of walkways | 99 |
| Bed widths | 60cm |
| Walkway widths | 40cm |

| FITTINGS REQUIRED | |
|-------------------------------------|--------------|
| QTY | |
| Filtration system req. (130 micron) | 1+ |
| After water source | 1+ |
| Before block | 1+ |
| LDPE CL3 Pipe (40mm+) | 100 m |
| Pipe Perforation Tool | 1 per person |
| Grooved Sealing Rubbers | 100 |
| Off-Take Connectors | 100 |
| Couplings | 50 |
| End Plugs | 100 |
| Dripline Total | |
| 10 000 m | |
| 0.15mm W/T | 4 |
| 0.20mm W/T | 5 |
| 0.30mm W/T | 8 |
| 0.40mm W/T | 10 |
| 0.60mm W/T | 15 |
| 0.90mm W/T | 20 |
| 1.00mm W/T | 25 |
| Rolls | |

Hectare Design Suggestion Split / Half Hectare lateral lengths



Option 1

2 Submains + ball valves



Option 2

1 Mainline + use of mini valves

| | QTY |
|------------------------|-------|
| Block width | 100 m |
| Block length | 100 m |
| Amount of beds | 66 |
| Beds p.side | 33 |
| Dripline lines per bed | 2 |
| Amount of walkways | 64 |
| Walkways p.side | 32 |
| Bed widths | 1 m |
| Walkway widths | 40cm |

| FITTINGS REQUIRED | |
|-------------------------------------|--------------|
| QTY | |
| Filtration system req. (130 micron) | 1+ |
| After water source | 1+ |
| Before block | 1+ |
| LDPE CL3 Pipe (40mm+) | 200 m + |
| Opt. 1 | 100 m + |
| Pipe Perforation Tool | 1 per person |
| Grooved Sealing Rubbers | 132 |
| Off-Takes | Normal |
| Opt. 1 | 132 |
| Mini Valves | Opt. 2 |
| Opt. 1 | 132 |
| Couplings | 66 |
| End Plugs | 132 |
| Dripline Total | |
| 6 600 m | |
| 0.15mm W/T | 3 |
| 0.20mm W/T | 4 |
| 0.30mm W/T | 6 |
| 0.40mm W/T | 7 |
| 0.60mm W/T | 10 |
| 0.90mm W/T | 14 |
| 1.00mm W/T | 17 |
| Rolls | |





Non-PC Max Lateral Lengths

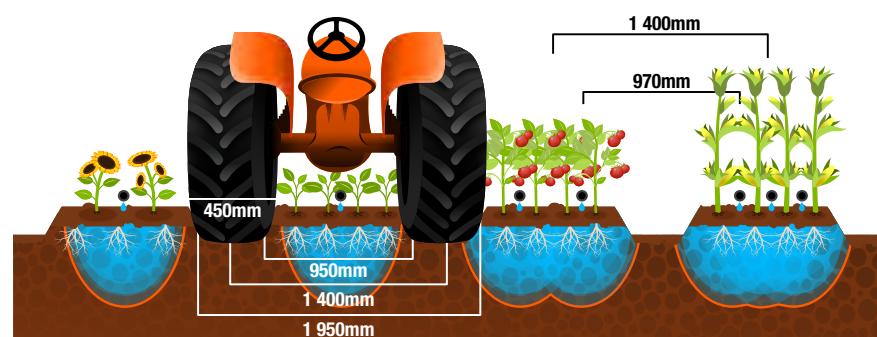
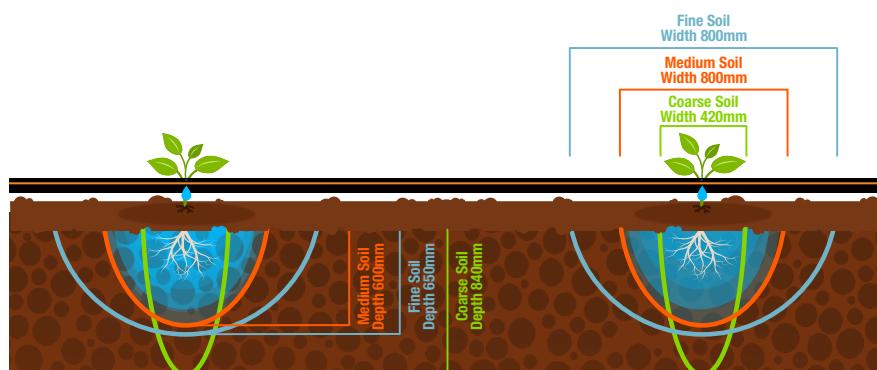
Subject to a 0% Slope and a 10% Flow Variation

16mm Dia. | Non-PC | Afriq Drip Max Lateral Lengths

| 0.15mm & 0.20mm Wall Thickness | Drip Tape | EMITTER SPACING | | | | | | | | | |
|--|-------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 20 | 30 | 40 | 50 | 60 | 75 | 90 | 100 | 120 | |
| 0.15mm & 0.20mm Wall Thickness | Drip Tape | 0.8 l/h | 111 | 155 | 195 | 231 | 265 | 313 | 357 | 385 | 438 |
| 0.15mm & 0.20mm Wall Thickness | Drip Tape | 1.3 l/h | 82 | 114 | 144 | 171 | 196 | 231 | 264 | 285 | 324 |
| 0.15mm & 0.20mm Wall Thickness | Drip Tape | 1.6 l/h | 69 | 97 | 122 | 145 | 166 | 196 | 223 | 241 | 275 |
| 0.15mm & 0.20mm Wall Thickness | Drip Tape | 2 l/h | 60 | 84 | 106 | 126 | 144 | 170 | 194 | 209 | 239 |
| 0.15mm & 0.20mm Wall Thickness | Drip Tape | 3.8 l/h | 39 | 55 | 69 | 83 | 95 | 112 | 128 | 138 | 157 |
| 0.30mm & 0.40mm Wall Thickness | Medium Drip | 0.8 l/h | 103 | 144 | 180 | 214 | 245 | 289 | 329 | 355 | 404 |
| 0.30mm & 0.40mm Wall Thickness | Medium Drip | 1.3 l/h | 76 | 106 | 133 | 158 | 181 | 213 | 243 | 262 | 299 |
| 0.30mm & 0.40mm Wall Thickness | Medium Drip | 1.6 l/h | 64 | 90 | 113 | 134 | 154 | 181 | 206 | 222 | 253 |
| 0.30mm & 0.40mm Wall Thickness | Medium Drip | 2 l/h | 55 | 78 | 98 | 116 | 133 | 157 | 179 | 193 | 220 |
| 0.30mm & 0.40mm Wall Thickness | Medium Drip | 3.8 l/h | 37 | 51 | 64 | 76 | 88 | 104 | 118 | 127 | 145 |
| 0.60mm, 0.90mm & 1.00mm Wall Thickness | Heavy Drip | 0.8 l/h | 95 | 133 | 166 | 197 | 225 | 266 | 302 | 326 | 371 |
| 0.60mm, 0.90mm & 1.00mm Wall Thickness | Heavy Drip | 1.3 l/h | 70 | 98 | 122 | 145 | 166 | 196 | 223 | 241 | 274 |
| 0.60mm, 0.90mm & 1.00mm Wall Thickness | Heavy Drip | 1.6 l/h | 59 | 83 | 104 | 123 | 141 | 167 | 190 | 204 | 233 |
| 0.60mm, 0.90mm & 1.00mm Wall Thickness | Heavy Drip | 2 l/h | 52 | 72 | 90 | 107 | 122 | 144 | 165 | 177 | 202 |
| 0.60mm, 0.90mm & 1.00mm Wall Thickness | Heavy Drip | 3.8 l/h | 34 | 47 | 59 | 70 | 80 | 95 | 108 | 117 | 133 |

12mm Dia. | Non-PC | Afriq Drip Max Lateral Lengths

| 0.40mm, 0.60mm & 0.90mm Wall Thickness | Dripline | EMITTER SPACING | | | | | | |
|--|----------|-----------------|----|----|-----|-----|-----|-----|
| | | 20 | 30 | 40 | 60 | 75 | 90 | |
| 0.40mm, 0.60mm & 0.90mm Wall Thickness | Dripline | 0.8 l/h | 65 | 90 | 112 | 150 | 176 | 201 |
| 0.40mm, 0.60mm & 0.90mm Wall Thickness | Dripline | 1.3 l/h | 49 | 67 | 84 | 113 | 133 | 150 |
| 0.40mm, 0.60mm & 0.90mm Wall Thickness | Dripline | 1.6 l/h | 41 | 57 | 71 | 95 | 113 | 128 |
| 0.40mm, 0.60mm & 0.90mm Wall Thickness | Dripline | 2 l/h | 36 | 49 | 62 | 83 | 98 | 111 |
| 0.40mm, 0.60mm & 0.90mm Wall Thickness | Dripline | 3.8 l/h | 28 | 38 | 48 | 64 | 75 | 86 |





Afriq Drip's
affordable,
quality
labyrinth
dripline makes
starting out
with farming
and irrigation
super easy.



Afriq Drip Labyrinth Dripline



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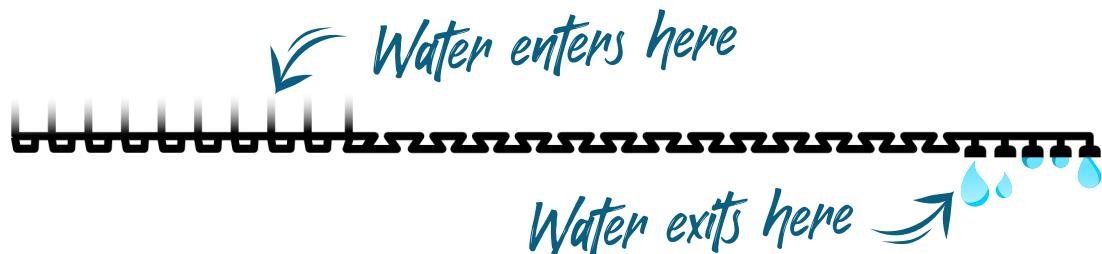


Labyrinth Irrigation

Water-Wise irrigation without the need for an emitter.

Single-wing labyrinth drip irrigation tape is dripline without emitters. It has a labyrinth pattern shaped/pressed into the side (wing) of the tape, which controls flow and acts as a channel, after which dripper holes are punched into the drip, allowing for the same action as dripline irrigation, with less parts required.

How Labyrinth Dripline Works



Labyrinth Dripline Benefits



Irrigates uniformly on most soil types



Easy installation and dismantling



Can be gravity-fed if topography allows



Prevents diseases on leaves, stems & crop



Limited evaporation, wets soil not leaves



Ideal for most crop types, from veggies to fruits



Reduced weed growth as it wets only the beds



Labyrinth Dripline Specifications

Dripline Essential Tools

| Dia. | W/T | BAR Pressure | Fitting Type | L/H | MAX Lateral |
|------|--------|--------------|-----------------|-----|-------------|
| 16mm | 0.15mm | 0.5 - 1 | Dripline (Ring) | 3.0 | 72 m ** |

*W/T is the Wall Thickness; i.e. how thick the wall of the pipes are. ** Max Lateral Length per line determined at 1 BAR pressure and flat, even conditions. Please note: We recommend the use of a filter with this system, as particles will cause wear-and-tear on inner walls of pipe.

Labyrinth Dripline Prices

16mm 0.15mm Wall Thickness Labyrinth Drip Tape

Seasonal | Disposable | Made to last 3 months or 1 season

| Code | W/T | L/H | Emitter Spacing | Roll Length | Excl. Price p/m | Excl. Price p/roll | Incl. Price p/m | Incl. Price p/roll |
|-----------------|---------|-----|-----------------|-------------|-----------------|--------------------|-----------------|--------------------|
| 16LR15300302000 | 0.15 mm | 3 | 30 | 2 000 | R 0.95 | R 1 900.00 | R 1.09 | R 2 185.00 |

Does not include dripline fittings, refer to dripline fittings catalogue

Afriq Drip's
affordable,
quality dripline
fittings
available at
unbeatable
prices. Made
to fit Afriq Drip
dripline
irrigation.



Products
distributed
by



www.afriqwater.co.za



Afriq Drip Dripline Fittings



Afriq Drip Dripline Fitting Types



Types of Dripline Fittings

Ring Fittings

Use with 0.15mm & 0.20mm W/T light drip tape



Nut Fittings

Use with 0.30mm, 0.40mm & 0.60mm W/T medium drip



Barbed Fittings

Use with 0.90mm & 1.00mm W/T heavy drip



Pipe Perforation Tool



Manually punches a 18mm hole into the LDPE mainline. The tool is easy to use, but very sharp, so beware.



Grooved Sealing Rubbers

Pushed into the hole that was created using the Perforation Tool, to prevent leaks, with an opening of 16mm. Always purchase equal amounts of Rubbers and Off-Take Connectors. Use with minimum 40mm



Closed Sealing Rubbers

Pushed into the hole that was created using the Perforation Tool, to seal incorrectly punched holes/old holes. Use with minimum 40mm LDPE.



Off-Take Connectors

Connects dripline and mainline pipes. Inserted into the Sealing Rubber, with dripline pushed into place over the fitting. Also available as Mini Valves.



Couplings

Used to join two pieces of dripline that have been cut/ damaged. Dripline is pushed over both sides of the fitting and



End Plugs

Used to end a line of dripline tightly for a leak-free seal. Dripline is pushed over the fitting and fastened.



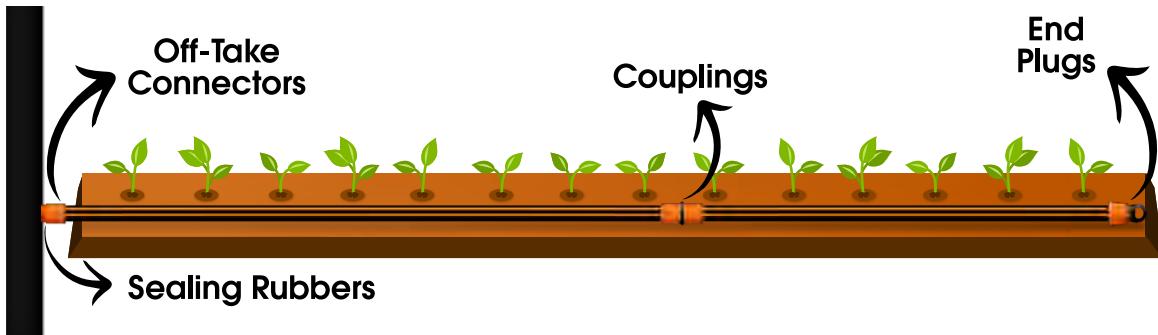
Mini Valves

Used in places where controlling flow by opening/closing water to a line drip is desired. Some Mini Valves are Off-Take Connectors (for an entire line), others are fittings (for sections of a





Dripline Fitting Prices



Dripline Essential Tools

| Image | Code | Description | Excl. Price | Incl. Price |
|-------|----------|--|-------------|-------------|
| | A16MPPT | 16mm Mainline LDPE Pipe Perforation Tool | R 71.81 | R 82.58 |
| | AOTG16GR | 16mm Grooved Sealing Rubber | R 1.83 | R 2.10 |
| | AOTG16CL | 16mm Closed Sealing Rubber | R 1.93 | R 2.22 |

Dripline Off-Take Connectors

| Image | Code | Description | Excl. Price | Incl. Price |
|-------|----------------|---|-------------|-------------|
| | AOTC16/17R-L | 16mm x 17mm Off-Take Connector with Ring | R 2.40 | R 2.76 |
| | AOTC16/17N-M | 16mm x 17mm Off-Take Connector with Nut | R 3.67 | R 4.22 |
| | AOTC16/16B-H | 16mm x 16mm Off-Take Connector Barbed | R 1.41 | R 1.62 |
| | AOTC16/12B-H | 16mm x 12mm Off-Take Connector Barbed | R 1.41 | R 1.62 |
| | AMVOTC16/17R-L | 16mm x 17mm Mini Valve Off-Take with Ring | R 11.78 | R 13.55 |
| | AMVOTC16/17N-M | 16mm x 17mm Mini Valve Off-Take with Nut | R 13.42 | R 15.43 |
| | AMVOTC16/16B-H | 16mm x 16mm Mini Valve Off-Take Barbed | R 10.24 | R 11.78 |



Afriq Drip Dripline Fittings Prices



Afriq Drip Dripline Fittings Prices

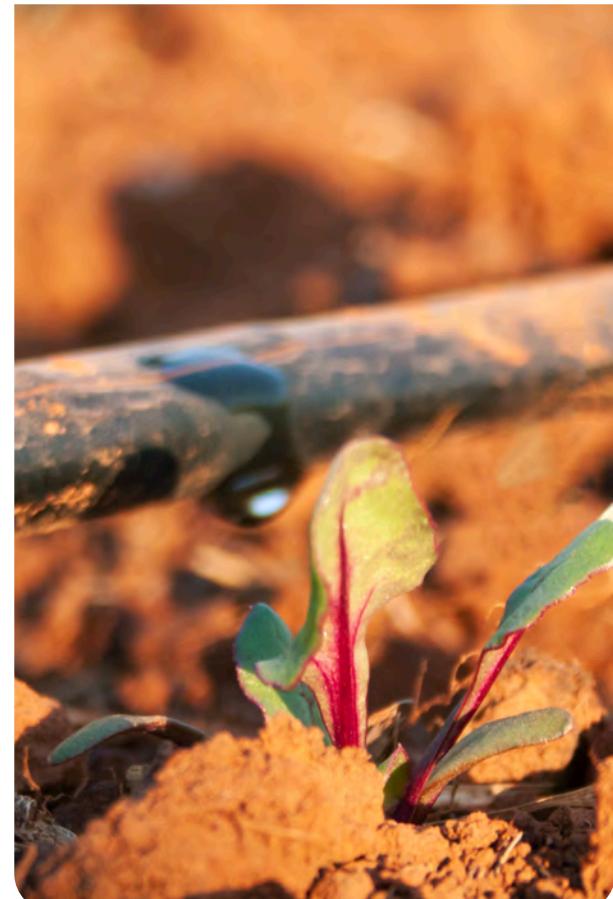


Dripline Couplings

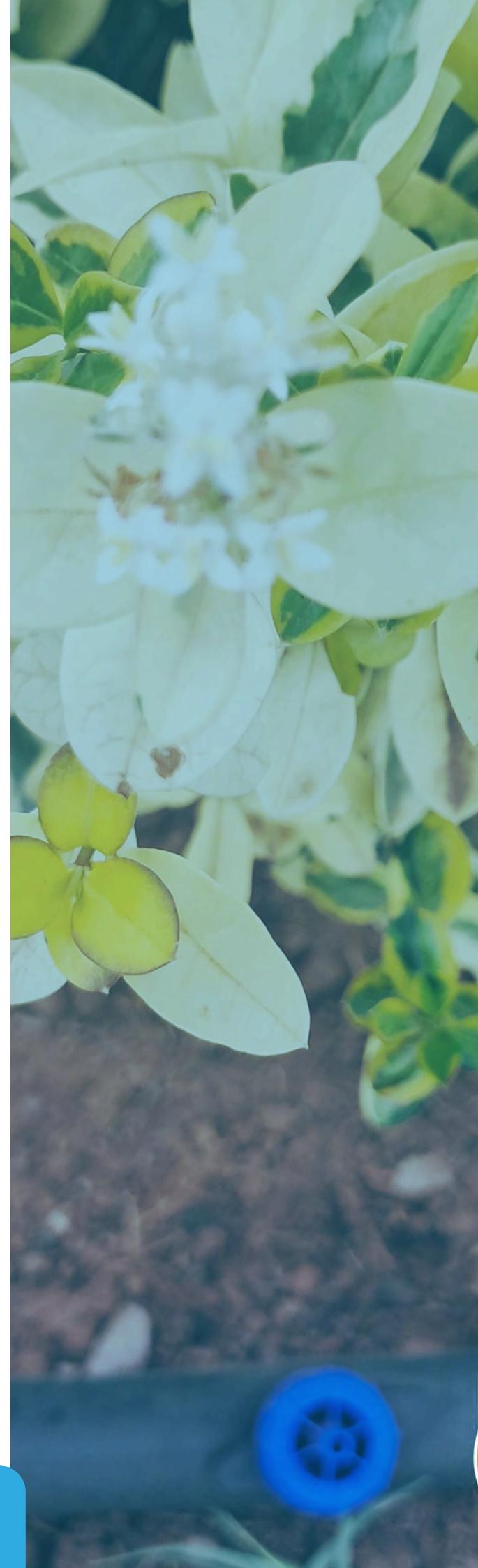
| Image | Code | Description | Excl. Price | Incl. Price |
|-------|---------------|-----------------------------------|-------------|-------------|
| | ACONR17/17R-L | 17mm x 17mm Coupling with Ring | R 3.67 | R 4.22 |
| | ACONN17/17N-M | 17mm x 17mm Coupling with Nut | R 5.64 | R 6.49 |
| | ACONB16/16B-H | 16mm x 16mm Coupling Barbed | R 1.41 | R 1.62 |
| | AECB16/16B-H | 16mm x 16mm Coupling Elbow Barbed | R 5.60 | R 6.44 |
| | ATCB16/16B-H | 16mm x 16mm Coupling Tee Barbed | R 1.78 | R 2.05 |

Dripline End Plugs

| Image | Code | Description | Excl. Price | Incl. Price |
|-------|--------------|-------------------------|-------------|-------------|
| | AECR17PLUG-L | 17mm End Plug with Ring | R 2.12 | R 2.44 |
| | AECN17PLUG-M | 17mm End Plug with Nut | R 2.82 | R 3.24 |
| | AECB16PLUG-H | 16mm End Plug Barbed | R 2.54 | R 2.92 |



Afriq Drip
Button drippers
punch easily
into soft LDPE
Class 3 Pipe.
They offer an
affordable
irrigation
solution for
orchards,
gardens, and
tree crops.



Afriq Drip Button Drippers



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Button Drippers



Button Drippers

A 3mm Perforation Tool is used to punch a hole into an LDPE pipe. Button Drippers are inserted into the hole, and can be adjusted to control flow.

Types of Button Drippers

Non-PC Button Drippers

Provide a constant flow rate at 1 BAR.

PC Button Drippers

Maintains consistent output across varying pressures.

Button Dripper Prices

Dripline Button Drippers

| Image | Code | Description | Excl. Price | Incl. Price |
|-------|--------------|--|-------------|-------------|
| | A3MPPT | 3mm Perforation Tool with Ejector | R 74.90 | R 86.14 |
| | ABUTD2.0PC | On-Line PC Dripper 2 l/h | R 5.46 | R 6.28 |
| | ABUTD4.0PC | On-Line PC Dripper 4 l/h | R 5.46 | R 6.28 |
| | ABUTD8.0PC | On-Line PC Dripper 8 l/h | R 5.46 | R 6.28 |
| | ABUTADJ0-70 | Dripper with Adjustable Flow 0-70 l/h | R 1.69 | R 1.94 |
| | ABUTADJ0-140 | Dripper with Adjustable Flow 0-140 l/h | R 1.69 | R 1.94 |



Afriq Drip dripline irrigation kits are developed by farmers and gardeners, for farmers and gardeners. The perfect way to get started with dripline irrigation.



Afriq Drip Dripline Irrigation Kits



www.afriqwater.co.za

Complete Dripline Irrigation kit
for all vegetable and cut-flower gardens, and raised beds
www.afriqwater.co.za
61 502 2547 | admin@afriqwater.co.za



Afriq Drip Dripline Kits



Dripline Irrigation Kits

Includes everything the end-user and farmers will need to get started with drip, excluding mainline LDPE pipes (40mm recommended). *Lifetime subject to no lime in water, estimate only. **Area covered design with 1.8 m between lines.

NEW BOX DESIGNS
coming soon!

Mini Garden Kit

Ideal for small vegetable and cut-flower gardens, perfect for raised beds.

100m 0.90mm W/T



Includes:

- 1 x Pipe Perforation Tool
- 25 x Grooved Sealing Rubbers
- 10 x Mini Valve Off-Take Connectors Barbed
- 25 x Off-Take Connectors Barbed
- 10 x Couplings Barbed
- 10 x Tee's Barbed
- 10 x Elbows Barbed
- 25 x End Plugs Barbed
- 100m 0.90mm W/T Dripline Roll
30cm Emitter Spacing | 2 l/h

Excludes mainline LDPE & filter
(recommended)

Garden & Veg Kits

Ideal for vegetable- and flower gardens.

300m 0.90mm W/T

450m 0.60mm W/T

950m 0.30mm W/T



Includes:

- 1 x Pipe Perforation Tool
- 1 x 20mm Disc Filter
- 50 x Grooved Sealing Rubbers
- 50 x Off-Take Connectors (nut/barbed)
- 10 x Couplings (nut/barbed)
- 50 x End Plugs (ring/glasses/barbed)
- Dripline Roll 30cm Emitter Spacing | 2 l/h
950m 0.3mm W/T or
450m 0.6mm W/T or
300m 0.9mm W/T

Excludes mainline LDPE

Veggie Kits

Ideal for larger scale gardens and crops.

2 000m 0.20mm W/T

2 500m 0.15mm W/T



Includes:

- 1 x Pipe Perforation Tool
- 1 x 20mm Disc Filter
- 50 x Grooved Sealing Rubbers
- 50 x Off-Take Connectors with Ring
- 10 x Couplings with Rings
- 50 x End Plugs with Ring
- Dripline Roll 30cm Emitter Spacing | 2 l/h
2 500m 0.15mm W/T or
2 000m 0.20mm W/T

Excludes mainline LDPE

Dripline Irrigation Kits

| Code | W/T | Meter Drip | Lifetime | Area Cover | Excl. Price | Incl. Price |
|------------------|--------|------------|----------|----------------------|-------------|-------------|
| A16DKM9020030100 | 0.90mm | 100m | 5 Years | 180 m ² | R 923.51 | R1 062.04 |
| A16DK9020030300 | 0.90mm | 300m | 5 Years | 540 m ² | R 1 918.27 | R2 206.01 |
| A16DK6020030450 | 0.60mm | 450m | 3 Years | 810 m ² | R 2 233.07 | R2 568.03 |
| A16DK3020030950 | 0.30mm | 950m | 2 Years | 1 710 m ² | R 2 624.07 | R3 017.68 |
| A16DK20200302000 | 0.20mm | 2 000m | 6 Mon. | 3 600 m ² | R 3 308.37 | R3 804.63 |
| A16DK15200302500 | 0.15mm | 2 500m | 3 Mon. | 4 500 m ² | R 3 438.37 | R3 954.13 |

Afriq Water developed Quick Coupling HDPE sprinkler systems as a versatile, durable, affordable alternative to steel pipe systems.



Quick Coupling HDPE



Products distributed by



www.afriqwater.co.za



Afriq Irripipe Quick Coupling Benefits



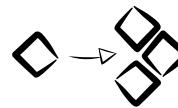
Quick Coupling HDPE Sprinkler Systems

A reliable, durable, cost-effective alternative to wasteful, costly, and labour-intensive irrigation systems.

Quick Coupling HDPE Benefits



Durable and strong, made to last



Modular system, with various customisations available to the farmer



Made to withstand S.A.'s most extreme weather



Quick connection and release



Lightweight, with 6m pipes weights starting at 2kg

Wow!
50mm pipe = 2kg



Compatibility

The system can be used to support other irrigation systems e.g. dragline, or on its own as a sprinkler system or as a mainline for water transportation.

- Supply water to tri-pods using draglines
- Water transportation
- Distribute water-soluble fertilizer
- Preparing areas for seed germination
- Wash salt, insects etc. from crops
- Climate control
- Frost mitigation
- Fire prevention
- Plant propagation
- Sprinkler Irrigation



System Design

The system consists of HDPE pipes, normally 6m lengths (Afriq Water can manufacture in various pipe lengths) which are friction-welded and sealed with a lip seal to bright orange quick coupling latch fittings, ideal for almost all topographical conditions.

Durability

The smooth interior ensures low friction loss, increasing efficiency. Made to last in all climate conditions, from harsh frozen winters to extremely hot summers. UV-protected and extremely durable, Southern African harsh weather conditions and direct sunlight pose no challenge for this unique product.

Moveability

A line of the system can be moved and assembled single-handedly as it is made from lightweight HDPE.





Quick Coupling HDPE Definitions

Quick Coupling HDPE

Sprinkler Irrigation

An affordable alternative to steel pipe sprinkler systems. A system made from 6m HDPE pipes, with female and male heads friction-welded to the ends of the pipes. Plastic fittings are used instead of metal ones, reducing costs drastically. The system is modular, with quick coupling latch systems used to connect pipes and fittings together.

HDPE Pipes

High-Density Poly Ethylene Pipes - very thick and strong pipes, made to handle up to 4.5 BAR safely.

Latch System

Male fittings come with latches on either side, which grip onto female fittings.

Diameter

The measurement from one side of the pipe to the other, on the outside. Available in 50mm, 63mm, 75mm and 90mm diameters. Diameters of 110mm and 160mm available on request.



Female Adaptor

Connects to the valve to start the line of Quick Coupling pipes. Due to the lip-sealing method of this system, a female adaptor is used at the start of the line.



HDPE 6m Quick Coupling Pipes

6m HDPE Pipes with male and female fittings on either side of the pipe, friction-welded on. Various pipe sizes are available, determined by the flow rate. Two pipes of 6m are used between each hydrant set, to get to 12m.



Sprinkler Riser Coupling

A foot piece that latches onto the pipes. The riser pipe is screwed into the top. This piece keeps the sprinkler system itself upright and stable. All Sprinkler Riser Coupling diameters have a 25mm outlet on top.



Riser Pipes

Screwed into the top of the Sprinkler Riser Coupling, this pipe determines how high above your crop your sprinkler will spray.



Specialised Fittings

Sometimes, depending on the design, Tee's, Reducers, Crosses, etc., all specialised fittings, are required.



Male End Caps

Used to end the line of Quick Coupling.



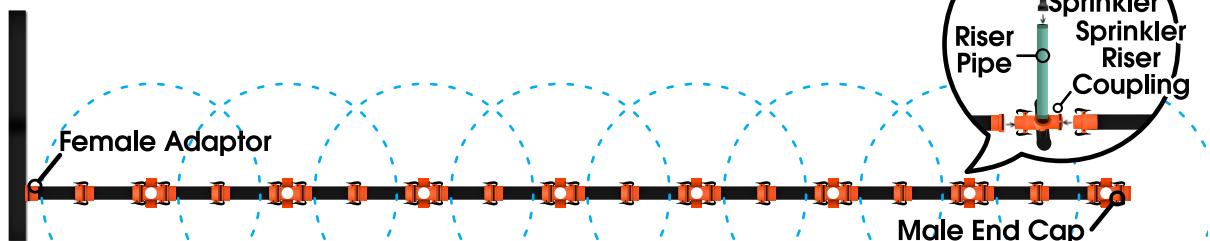
| Technical Specs | MAX BAR |
|-------------------------------|---------|
| 6m HDPE Pipes | 6 |
| Orange Fittings 50mm - 90mm | 4.5 |
| Orange Fittings 110mm - 160mm | 6 |

Afriq Irripipe Quick Coupling HDPE





Quick Coupling HDPE Prices



110mm (ID 102mm) and 160mm (ID 148.43mm) Quick Coupling HDPE 6m Lengths and fittings POR

Quick Coupling HDPE PE100 Pipe Lengths

| Image | Code | Outside Dia. | Inside Dia. | Excl. Price | Incl. Price |
|----------------------------------|-------|--------------|-------------|-------------|-------------|
| | IP050 | 50mm | 46.39mm | R 213.29 | R 245.28 |
| | IP063 | 63mm | 58.45mm | R 317.82 | R 365.49 |
| | IP075 | 75mm | 69.58mm | R 428.12 | R 492.34 |
| | IP090 | 90mm | 83.49mm | R 614.33 | R 706.48 |
| 110mm and 160mm Price on request | | | | | |

Female Adaptors

| Image | Code | Dia. | Thread Type | Thread Size | Excl. Price | Incl. Price |
|----------------------------------|----------|------|-------------|-------------|-------------|-------------|
| | IPFAF050 | 50mm | Female BSP | 40mm | R 29.91 | R 34.40 |
| | IPFAF063 | 63mm | | 50mm | R 42.82 | R 49.24 |
| | IPFAF075 | 75mm | | 65mm | R 53.02 | R 60.97 |
| | IPFAM050 | 50mm | Male BSP | 40mm | R 47.89 | R 55.07 |
| | IPFAM063 | 63mm | | 50mm | R 67.80 | R 77.97 |
| | IPFAM075 | 75mm | | 65mm | R 144.02 | R 165.62 |
| | IPFAM090 | 90mm | | 80mm | R 87.68 | R 100.83 |
| 110mm and 160mm Price on request | | | | | | |

Male Adaptors

| Image | Code | Dia. | Thread Type | Thread Size | Excl. Price | Incl. Price |
|----------------------------------|----------|------|-------------|-------------|-------------|-------------|
| | IPMAF050 | 50mm | Female BSP | 40mm | R 48.09 | R 55.30 |
| | IPMAF063 | 63mm | | 50mm | R 58.35 | R 67.10 |
| | IPMAF075 | 75mm | | 65mm | R 73.74 | R 84.80 |
| | IPMAM050 | 50mm | Male BSP | 40mm | R 66.07 | R 75.98 |
| | IPMAM063 | 63mm | | 50mm | R 83.33 | R 95.83 |
| | IPMAM075 | 75mm | | 65mm | R 164.74 | R 189.45 |
| | IPMAM090 | 90mm | | 80mm | R 103.24 | R 118.73 |
| 110mm and 160mm Price on request | | | | | | |



Sprinkler Riser Couplings (Previously Hydrants / Saddles)

| Image | Code | Sizes | Excl. Price | Incl. Price |
|-------|----------|----------------------------------|-------------|-------------|
| | IPROC050 | 50mm x 25mm Outlet | R 52.02 | R 59.82 |
| | IPROC063 | 63mm x 25mm Outlet | R 62.69 | R 72.09 |
| | IPROC075 | 75mm x 25mm Outlet | R 93.11 | R 107.08 |
| | IPROC090 | 90mm x 25mm Outlet | R 120.81 | R 138.93 |
| | | 110mm and 160mm Price on request | | |

PVC Risers

| Image | Code | Dia. | Pipe Length | Ideal for... | Excl. Price | Incl. Price |
|-------|-------------|--------|----------------|----------------------------|-------------|-------------|
| | PVCR25x100 | 25mm | 100mm | 50mm Quick Coupling HDPE + | R 9.82 | R 11.29 |
| | PVCR25x150 | 150mm | R 10.52 | R 12.10 | | |
| | PVCR25x200 | 200mm | R 12.36 | R 14.22 | | |
| | PVCR25x250 | 250mm | R 15.53 | R 17.86 | | |
| | PVCR25x300 | 300mm | R 16.00 | R 18.40 | | |
| | PVCR25x400 | 400mm | R 20.11 | R 23.13 | | |
| | PVCR25x450 | 450mm | R 22.61 | R 26.00 | | |
| | PVCR25x500 | 500mm | R 24.92 | R 28.66 | | |
| | PVCR25x600 | 600mm | R 28.79 | R 33.11 | | |
| | PVCR25x750 | 750mm | R 35.68 | R 41.03 | | |
| | PVCR25x1000 | 1000mm | 63mm QC HDPE + | R 49.37 | R 56.78 | |
| | PVCR25x1200 | 1200mm | | R 53.95 | R 62.04 | |

Female End Caps

| Image | Code | Diameter | Excl. Price | Incl. Price |
|----------------------------------|---------|----------|-------------|-------------|
| | IPFC050 | 50mm | R 23.98 | R 27.58 |
| | IPFC063 | 63mm | R 28.34 | R 32.59 |
| | IPFC075 | 75mm | R 42.51 | R 48.89 |
| | IPFC090 | 90mm | R 73.36 | R 84.36 |
| 110mm and 160mm Price on request | | | | |

Male End Plugs

| Image | Code | Diameter | Excl. Price | Incl. Price |
|----------------------------------|---------|----------|-------------|-------------|
| | IPMP050 | 50mm | R 30.78 | R 35.40 |
| | IPMP063 | 63mm | R 34.63 | R 39.82 |
| | IPMP075 | 75mm | R 61.56 | R 70.79 |
| | IPMP090 | 90mm | R 81.57 | R 93.81 |
| 110mm and 160mm Price on request | | | | |

Afriq Irripipe Quick Coupling HDPE Prices



| Crosses | | | | |
|---------|----------------------------------|---------------|------------------|-------------|
| Image | Code | Diameter | Excl. Price | Incl. Price |
| | Equal Crosses | | | |
| | IPEC050 | 50mm x 50mm | R 76.18 | R 87.61 |
| | IPEC063 | 63mm x 63mm | R 94.52 | R 108.70 |
| | IPEC075 | 75mm x 75mm | R 174.23 | R 200.36 |
| | IPEC090 | 90mm x 90mm | R 341.40 | R 392.61 |
| | IPEC110 | 110mm x 110mm | Price on request | |
| | Reducing Crosses | | | |
| | IPRC075063 | 75mm x 63mm | R 145.31 | R 167.11 |
| | IPRC090075 | 90mm x 75mm | R 264.52 | R 304.20 |
| | 110mm and 160mm Price on request | | | |
| | | | | |
| | | | | |

| Tee's | | | | |
|-------|----------------------------------|-------------|-------------|-------------|
| Image | Code | Diameter | Excl. Price | Incl. Price |
| | Equal Tee's | | | |
| | IPET050 | 50mm x 50mm | R 64.19 | R 73.82 |
| | IPET063 | 63mm x 63mm | R 82.53 | R 94.91 |
| | IPET075 | 75mm x 75mm | R 141.08 | R 162.24 |
| | IPET090 | 90mm x 90mm | R 268.75 | R 309.06 |
| | 110mm and 160mm Price on request | | | |
| | Reducing Tee's | | | |
| | IPRT075063 | 75mm x 63mm | R 126.97 | R 146.02 |
| | IPRT090075 | 90mm x 75mm | R 229.25 | R 263.64 |
| | 110mm and 160mm Price on request | | | |
| | | | | |
| | | | | |

| Reducing Couplings | | | | |
|----------------------------------|-----------|-------------|-------------|-------------|
| Image | Code | Diameter | Excl. Price | Incl. Price |
| | IPR063050 | 63mm x 50mm | R 52.90 | R 60.84 |
| | IPR075063 | 75mm x 63mm | R 80.41 | R 92.47 |
| | IPR090075 | 90mm x 75mm | R 129.08 | R 148.44 |
| 110mm and 160mm Price on request | | | | |





Elbows

| Image | Code | Diameter | Excl. Price | Incl. Price |
|----------------------------------|--------|----------|-------------|-------------|
| | IPB050 | 50mm | R 85.18 | R 97.96 |
| | IPB063 | 63mm | R 101.80 | R 117.07 |
| | IPB075 | 75mm | R 136.43 | R 156.89 |
| | IPB090 | 90mm | R 209.84 | R 241.32 |
| 110mm and 160mm Price on request | | | | |

Lip Seals

| Image | Code | Diameter | Excl. Price | Incl. Price |
|----------------------------------|---------|----------|-------------|-------------|
| | IPLS050 | 50mm | R 5.84 | R 6.72 |
| | IPLS063 | 63mm | R 5.77 | R 6.64 |
| | IPLS075 | 75mm | R 7.70 | R 8.86 |
| | IPLS090 | 90mm | R 8.85 | R 10.18 |
| 110mm and 160mm Price on request | | | | |

Our famous orange Sprinkler Heads

Sprinkler Specs on our website | Not available from IU

| Code | Type | Excl. Price | Incl. Price |
|-----------|---------------------|-------------|-------------|
| 1610SK HF | High Flow | R 74.63 | R 85.82 |
| 1610SK LF | Low Flow | R 74.63 | R 85.82 |
| 1610S | Multi-Use | R 76.55 | R 88.03 |
| 1615K | Baby Sprinkler Head | R 42.10 | R 48.42 |

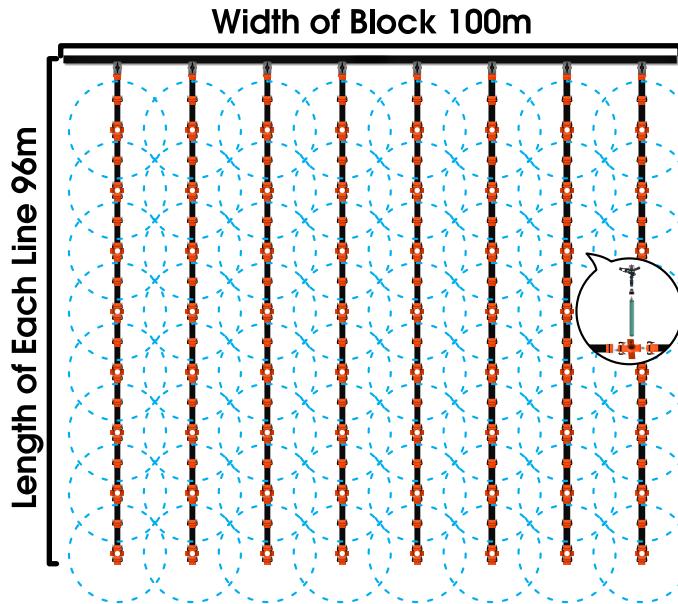


Afriq Irripipe Layout Options



Quick Coupling HDPE Layout Options

Hectare Design Suggestion Long lateral lengths

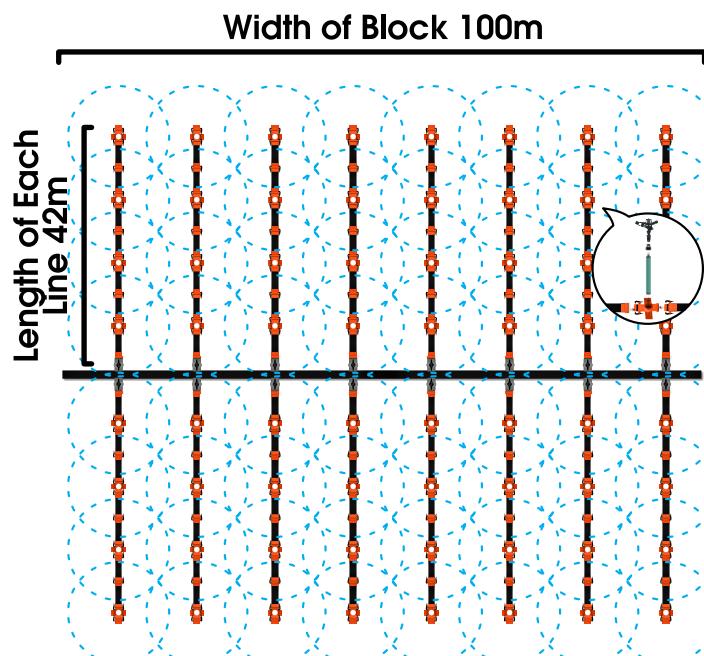


| QTY | |
|--|-------|
| Width of block | 100 m |
| Length of block | 100 m |
| Length of each pipe line (no pipe required after last sprinkler set) | 96 m |
| Distance between lines | 12 m |
| Distance between sprinkler sets | 12 m |
| Lines per block | 8 |
| Pipes per line | 16 |
| Pipes per block | 128 |
| Sprinkler sets per line | 8 |
| Sprinkler sets per block | 64 |

FITTINGS REQUIRED

| QTY | |
|-------------------------------------|-----------------------|
| Filtration system req. (130 micron) | After water source 1+ |
| | Before block 1+ |
| Female Adaptors | 8 |
| Valves (1 per line) | 8 |
| Quick Coupling HDPE Pipes | 128 |
| Sprinkler Riser Coupling | 64 |
| PVC Riser Pipes 25mm | 64 |
| Sprinkler Heads | 64 |
| Male End Caps | 8 |
| Meters Mainline Pipe | 100 m |

Hectare Design Suggestion Split / Half Hectare lateral lengths



| QTY | |
|--|---|
| Width of block | 100 m |
| Length of block | 100 m |
| Length of each pipe line (no pipe required after last sprinkler set) | 42 m |
| Distance between lines | 12 m |
| Distance between sprinkler sets | 12 m |
| Lines per side of block | 8 |
| Lines per block | 16 |
| Pipes per line | (when split in the middle, you can start with one pipe at the start of the line as overlap will irrigate efficiently) 7 |
| Pipes per block | 112 |
| Sprinkler sets per line | 4 |
| Sprinkler sets per block | 64 |

FITTINGS REQUIRED

| QTY | |
|-------------------------------------|-----------------------|
| Filtration system req. (130 micron) | After water source 1+ |
| | Before block 1+ |
| Female Adaptors | 16 |
| Valves (1 per line) | 16 |
| Quick Coupling HDPE Pipes | 112 |
| Sprinkler Riser Coupling | 64 |
| PVC Riser Pipes 25mm | 64 |
| Sprinkler Heads | 64 |
| Male End Caps | 16 |
| Meters Mainline Pipe | 100 m |



Afriq Water
60, 100 & 200
litre Fertilizer
Tanks are ideal
for the
application of
liquid fertilizer
to a crop
directly
through an
irrigation
system.



www.afriqwater.co.za



Afriq Water Fertilizer Tanks



Fertilizer Tanks

For the application of liquid fertilizer directly to the crop, via the existing irrigation system.

Fertilizer Tank Benefits



Compared to hand pump systems



Ensures a sufficient, consistent application of fertilizer to boost crop quality (scheduled, regular applications recommended)

Fertilizer Tanks Definitions

Liquid Fertilizer

A liquid form of food for plants and crops, that dissolves in water. The food includes essential nutrients to boost the plant's natural growth cycle and increase yields.

Drain

An outlet at the bottom of the tank where leftover water and/or fertilizer mix can be drained from.

Valve

Used to control the flow of water that is forced through the Fertilizer Tank.

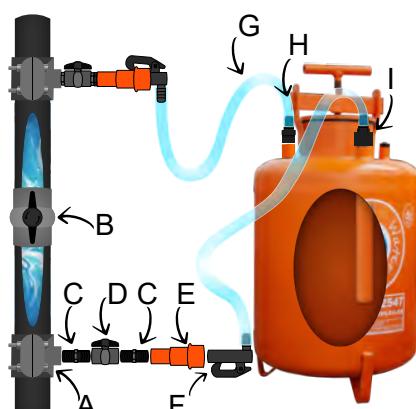
Pressure / Air Valve

Releases and closes to maintain a constant pressure in the tank.

Choosing the Right Size Tank

The ratio of fertilizer to area cover given to the farmer by the liquid fertilizer manufacturer should be used, i.e. if 25 litres is required for a hectare field, the 60 liter tank will be sufficient as the fertilizer and water mixes together in the tank.

Fertilizer Tank Fittings

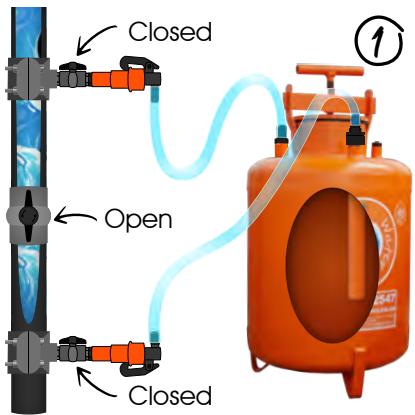


*Please note: Inlet, outlet and drain sizes can differ between either 20mm or 25mm. Measure before purchasing fittings

| | | |
|---|---|---|
| A | Clamp saddle for mainline (Mainline size to 25mm) | 2 |
| B | Mainline Valve saddle for mainline | 1 |
| C | 25mm Hex Barrel Nipples | 4 |
| D | 25mm Secondary Ball Valves | 2 |
| E | 25mm Nylomatics | 2 |
| F | 20mm Latch Fittings | 2 |
| G | 1m Pipe * (clear tubing used for illustration purposes only, high pressure pipe required) | 2 |
| H | Male Adaptor for Outlet * | 1 |
| I | Female Adaptor for Inlet * | 1 |
| J | Ball Valve for Drain * | 1 |
| | 14mm - 32mm Clamps | 4 |
| | 19mm x 10m PTFE Tape | 1 |

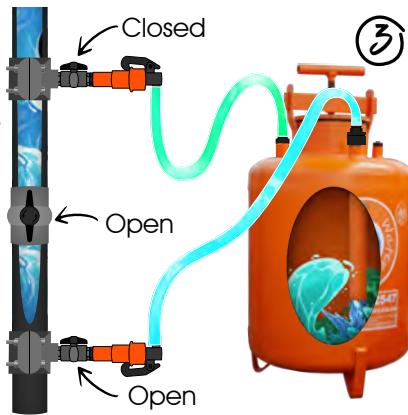


How to Set-Up Your Fertilizer Tank



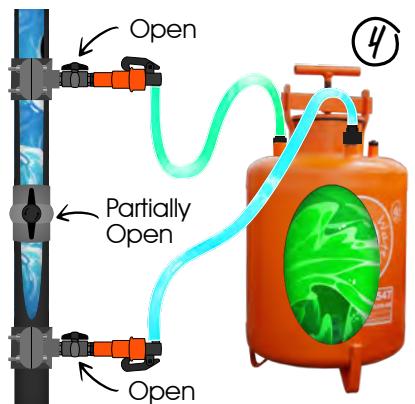
Step 1

Open the mainline valve completely so that water flows into the irrigation system. Ensure both inlet and outlet valves are closed before opening the water supply.



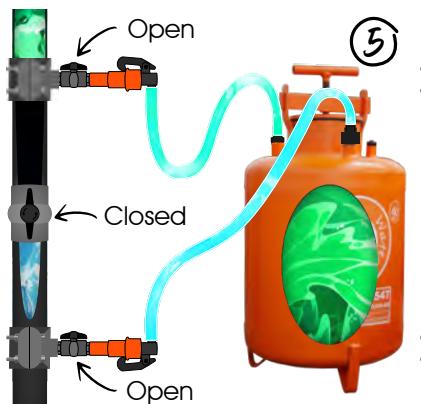
Step 2

Open the top lid of the tank by loosening and sliding out the handle. Pour the liquid fertilizer into the tank, using the measurements and mixing ratios provided by the liquid fertilizer manufacturer. Fill the tank with the correct amount of water, in the ratio recommended by the fertilizer manufacturer. Close the lid tightly.



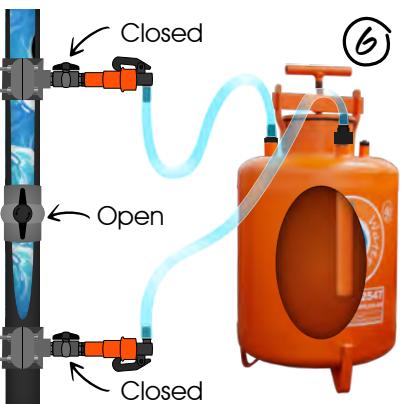
Step 4

Close the mainline partially, so that pressure can build up in the tank. Open the outlet valve completely, so that the pressure inside of the tank releases, and the fertilizer mix is pushed into the mainline.



Step 5

Once all of the fertilizer has been flushed out of the tank, close the mainline valve, and keep the inlet and outlet valves open. This will flush the last remaining fertilizer out of the system.



Step 6

Open the mainline valve completely and close both inlet and outlet valves. Run the irrigation system as normal for 30 min to ensure that all the fertilizer reaches your crop and is flushed out of the system. Clean afterwards.

Fertilizer Tank Prices

Fertilizer Tanks

| Image | Code | Diameter | Excl. Price | Incl. Price |
|-------|--------------|--------------------------------------|-------------|-------------|
| | AVFERTANK060 | 60 litre Vertical Fertilizer Tank | R 3 693.60 | R 4 247.64 |
| | AHFERTANK100 | 100 litre Horizontal Fertilizer Tank | R 6 701.06 | R 7 706.22 |
| | AHFERTANK200 | 200 litre Horizontal Fertilizer Tank | R 9 522.56 | R 10 950.94 |



Afriq Water's Rain Hose Irrigation is an innovative new way to irrigate. The perfect mix of a roll-out irrigation system, and misting irrigation.



www.afriqwater.co.za



Afriq Water Rain Hose Irrigation



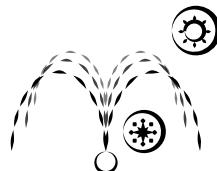


Rain Hose Irrigation

A mist-like rain to help your crop flourish!

Rain hose is a flexible hose with evenly spaced small holes punched into the pipe, mimicking soft rainfall.

Rain Hose Benefits



Ideal for overhead cooling of crops



Increased humidity on crops, creating a micro-climate



Mimics natural, soft misting rainfall



Prevents soil erosion, gentle misting rain



Lightweight, easy to move & store



Ideal for most crop types, as temperature control and short bouts of misting helps with fruit formation & consistent growth



Even water distribution & uniform coverage

Rain Hose Specifications

Rain Hose Specifications

| Diameter | | W/T* | Operating Pressure | Spray Width either side of pipe @1 BAR | Fittings Types | Flow Rate l/h per meter | **MAX Lateral Length | |
|----------|--------|---------|--------------------|--|-----------------------------------|-------------------------|----------------------|--|
| In Use | Folded | | | | | | | |
| 32mm | 50mm | 0.30 mm | 1 - 2 | 3 m | LDPE or Rain Hose Fittings (Ring) | 200 - 300 | 50 m | |
| 40mm | 63mm | | | 4.2 m | | 300 - 400 | 70 m | |
| 50mm | 80mm | | | | | 400 - 500 | 80m | |

*W/T is the Wall Thickness; i.e. how thick the wall of the pipes are. **Max Lateral Length per line determined at 1 BAR pressure and flat, even conditions. Please note: We recommend the use of a filter with this system, as particles will cause wear-and-tear on inner walls of pipe.

Rain Hose Irrigation Roll Prices

Rain Hose Roll Prices

| Code | Diameter Pipe | Length of roll | Excl. Price | Incl. Price |
|---------------|---------------|----------------|-------------|-------------|
| A32RH30030100 | 32mm | 100 | R 319.00 | R 366.85 |
| A40RH30030100 | 40mm | 100 | R 438.00 | R 503.70 |
| A50RH30030100 | 50mm | 100 | R 542.00 | R 623.30 |





Rain Hose Fittings

Poly Prop Fittings To Start Your Line



Poly Prop Fittings can be used directly in your mainline LDPE (40mm minimum recommended), with rain hose run from there with threaded fittings. Ball valves can be attached onto LDPE fittings, controlling water flow.

Rain Hose Custom Ring Fittings

A range of ring fittings are available for the above diameters rain hose pipe

Off-Take Connectors



Tightly screw a **Off-Take Connector with Male Thread** into a Female Combination Tee (LDPE fitting) on your mainline and run a line of rain hose from there.

The **Off-Take Connector with Valve** is pushed directly into a hole in LDPE pipe. This Off-Take Connector with valve allows for the control of water flow to the line of Rain Hose pipe.

Couplings

Used to repair a line of Rain Hose when there is a cut in the pipe or extra lengths are added to the line.

End Plugs

Used to end a line of Rain Hose pipe.

Rain Hose Off-Take Connectors

| Code | Diameter Pipe | Excl. Price | Incl. Price |
|---------------|---|-------------|-------------|
| ARHOTCM32/32R | 32 x 32mm Off-Take Con. BSP Male Thread w/ Ring | R 14.25 | R 16.39 |
| ARHOTCM40/40R | 40 x 40mm Off-Take Con. BSP Male Thread w/ Ring | R 20.48 | R 23.55 |
| ARHOTCM50/50R | 50 x 50mm Off-Take Con. BSP Male Thread w/ Ring | R 33.48 | R 38.50 |
| ARHVOTC32/32R | 32 x 32mm Valve Off-Take Connector w/ Ring | R 16.22 | R 18.65 |
| ARHVOTC40/40R | 40 x 40mm Valve Off-Take Connector w/ Ring | R 28.17 | R 32.40 |

Rain Hose Couplings

| Code | Diameter Pipe | Excl. Price | Incl. Price |
|---------------|----------------------------|-------------|-------------|
| ARHCONR32/32R | 32 x 32mm Coupling w/ Ring | R 5.12 | R 5.89 |
| ARHCONR40/40R | 40 x 40mm Coupling w/ Ring | R 10.24 | R 11.78 |
| ARHCONR50/50R | 50 x 50mm Coupling w/ Ring | R 12.80 | R 14.72 |

Rain Hose End Plugs

| Code | Diameter Pipe | Excl. Price | Incl. Price |
|--------------|-----------------------|-------------|-------------|
| ARHECR32PLUG | 32mm End Plug w/ Ring | R 14.51 | R 16.69 |
| ARHECR40PLUG | 40mm End Plug w/ Ring | R 20.48 | R 23.55 |
| ARHECR50PLUG | 50mm End Plug w/ Ring | R 35.85 | R 41.23 |

Afriq Water Rain Hose Irrigation



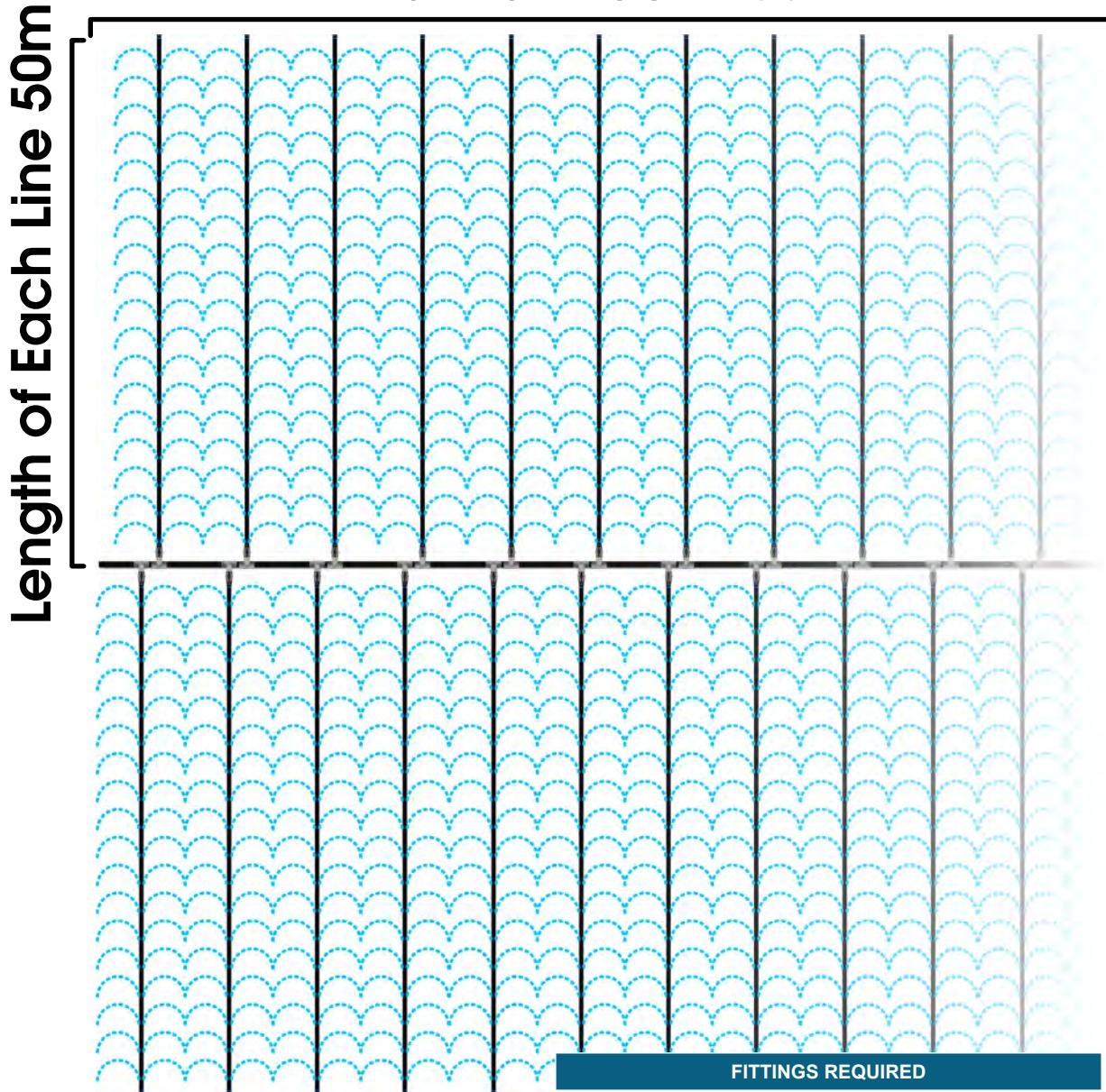


Rain Hose Layout Options

Hectare Design Suggestion

Half Hectare lateral lengths

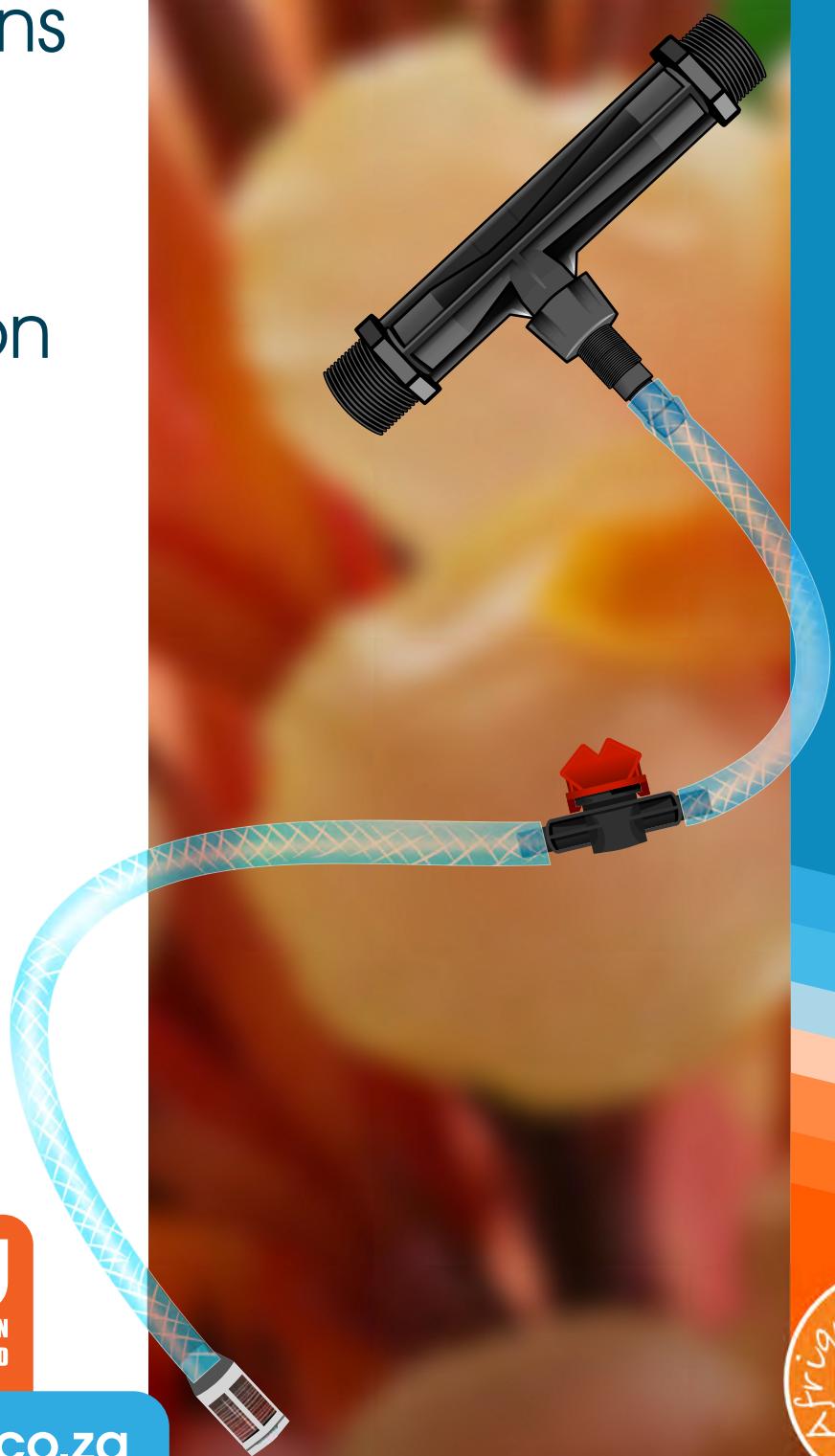
Width of Block 100m



| | QTY |
|---|-------|
| Width of block | 100 m |
| Length of block | 100 m |
| Length of each pipe line (Due to 50m max lateral of 32mm Dia. Rain Hose) | 50 m |
| Distance between lines | 6 m |
| Lines per block | 34 |
| Lines per side | 17 |

| | QTY |
|--|-----------------------|
| Filtration system req. (130 micron) | After water source 1+ |
| Mainline Tee's | Before block 1+ |
| Ball Valves (If using threaded Off-Take Connector) | 34 |
| Off-Take Connectors (Threaded Off-Take Connector used in example) | 34 |
| Meters Rain Hose needed | 1 700 |
| Rolls Rain Hose needed | 17 |
| Couplings | As needed |
| End Plugs | 34 |

Venturi systems are a useful add-on to most existing systems. Useful for mixing small portions of liquid fertilizer directly into your irrigation system.



Afriq Water Venturis



Products
distributed
by



www.afriqwater.co.za



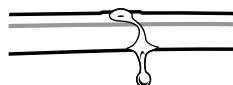


Venturi Pipes for irrigation

An additional system to boost your yield

Venturis use the flow of water through a narrow section of pipe to create suction, allowing liquid fertiliser to be drawn into the irrigation line without a pump. It's simple, efficient, and cost-effective for fertigation.

Venturi Benefits



Ideal for most irrigation methods, at a smaller scale



Quality, robust Materials + design

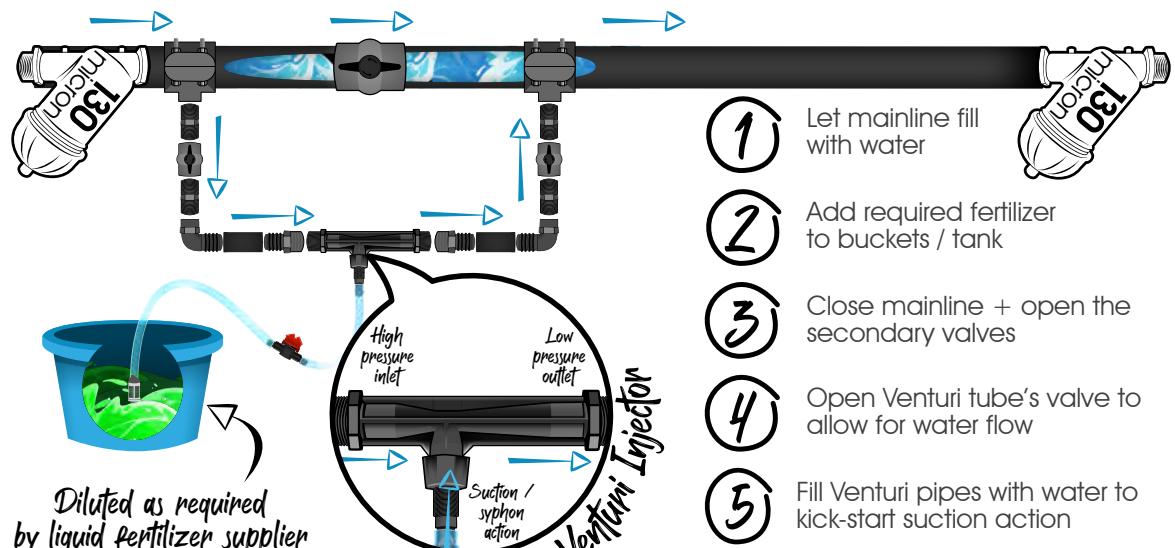


Inexpensive and easy to install



No electricity required, uses water pressure

How Venturi Injectors + Systems



Venturi System Prices

Afriq Water Venturi Injectors

| Code | Dia. | Flow Rate (l/h capability) | Fertilizer Absorption l/h | Pressure Rating | Model Type | Price Excl. VAT | Price Incl. VAT |
|--------------|------|----------------------------|---------------------------|-----------------|---------------------------|-----------------|-----------------|
| AVENTURI020A | 20mm | 290 - 810 | 3 - 37 | 0.7 - 9.5 BAR | A | R 238.99 | R 274.84 |
| AVENTURI025A | 25mm | 650 - 2 240 | 9 - 92 | | | R 245.99 | R 282.89 |
| AVENTURI032A | 32mm | 1 820 - 6 340 | 34 - 279 | | | R 262.88 | R 302.31 |
| AVENTURI050A | 50mm | 4 310 - 12 730 | 49 - 680 | | | R 307.27 | R 353.36 |
| AVENTURI063A | 63mm | 11 580 - 20 000 | 110 - 1 200 | | | R 486.51 | R 559.49 |
| AVENTURI090A | 90mm | 30 000 - 60 000 | 2 240 - 4 680 | | | R 1 911.88 | R 2 198.66 |
| AVENTURI032B | 32mm | 1 820 - 6 340 | 34 - 279 | | B More robust injector | R 286.78 | R 329.80 |
| AVENTURI050B | 50mm | 4 310 - 12 730 | 49 - 680 | | | R 358.48 | R 412.25 |
| AVENTURI063B | 63mm | 11 580 - 20 000 | 110 - 1200 | | | R 580.39 | R 667.45 |

Erhas irrigation filters are ideal for filtering out organic and non-organic materials, to extend the lifetime of your Irrigation system.

Erhas Irrigation Filters



Products
distributed
by



www.afriqwater.co.za



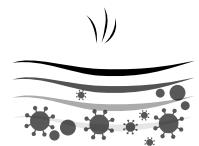
Irrigation Filter Definitions



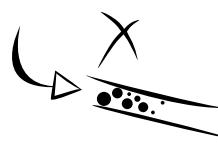
Irrigation Filters

Extend your irrigation system's lifetime by years when you prevent pollutants from entering your system.

Irrigation Filters Benefits



Required if irrigating out of rivers or dams



Essential in blocking pollutants from entering your irrigation system



Reduced times between irrigation system flushing and clearing, saving labour costs



Recommended for all irrigation system types and water applications



Increased water quality and thus crop yields and quality

Irrigation Filters Definitions

Cartridge

The inner part of the filter. This piece is replaceable in the housing.

Screen Filters



Filters with screen cartridges

Screen cartridges are the most common filters and are excellent for removing hard particles such as sand. They are not ideal for removing organic materials such as algae and slime.

Disc Filters



Filters with disc cartridges

Disc cartridges are good at removing both particulates, like sand and organic matter. A disc filter consists of a stack of round discs with minuscule spaces between them when stacked together. Water and particles are forced between the spaces between the discs, with particles remaining behind.

Micron

Refers to the size of particles that a filter will filter out. If a filter is 5 microns, it can filter out the smallest bacteria particles, but a filter of 130 microns (which we recommend you use), filters out basic debris, sand, dirt, algae, etc. without affecting the flow rate.

Filtration Surface

The surface available on the cartridge that can catch and retain particles in a layer. This 'caught' layer only increases the filtering material available to catch debris.

Irrigation Filters Uses

- Use with dripline irrigation, as it stops pollutants from blocking the delicate emitter system and entering the system (reducing wear-and-tear on the inner walls of the pipe)
- Use with sprinkler irrigation, as it stops pollutants from blocking the nozzles
- Use with fertilizer tanks, as it stops undissolved liquid fertilizer particles from entering the system



Choosing the Right Filter

Calculate Flow Rate required

Using your pump as a guide

i.e. if the farmer's pump is rated to deliver 40 000 l/h, a filter of a minimum of 40m³/hr is required.

By calculating the field's irrigation system total flow rate

For the amount of water that will actually be traveling through the system in l/h

Dripline Example

e.g. 18 lines of 100m each, with 30cm spacing between emitters and a flow rate of 2 l/h per

Flow Rate = Spacing x Length of Dripline x Amount of Lines x l/h

$$FR = (1m \div 0.3m) \times 100 \times 18 \times 2$$

$$FR = 3.33 \times 100 \times 18 \times 2$$

= 11 988 l/h flow rate for the entire field

i.e. A filter that can handle 12m³ safely is required, so it's advised to use one size up which is a 15m³ filter.

Consider practical use

Take into consideration the density of pollutants in the water

The source of water and the level of filth in that water origin is an important consideration to make. Dams and rivers often require a more extensive filter bank than other systems to sufficiently filter out pollutants.

Take into consideration the 4 biggest pollutants

| | TYPE | FILTER |
|---------------|---|--------|
| Solids | Solids like manure or dirt can clog water outlets. | Disc |
| Sand | Sand will clog water outlets, and cause wear-and-tear to the inner walls of the system. | Screen |
| Algea | Algea will clog water outlets, and grow on the inner walls of the pipe, accumulating debris and creating blockages. | Disc |
| Debris | General pollutants from a river or dam will cause blockages, create wear-and-tear and clog outlets. | Disc |

Cleaning Irrigation Filters



Choosing an Irrigation Filter

Erhas Irrigation Filter Prices



Irrigation Filter Prices

The structure of our codes

A YTF 006 020 D
 Afriq → Y-Type → Filter → Flow m³/h → Dia. inmm → Disc/Screen

Erhas Y-Type In-Line Filters BSPT x BSPT

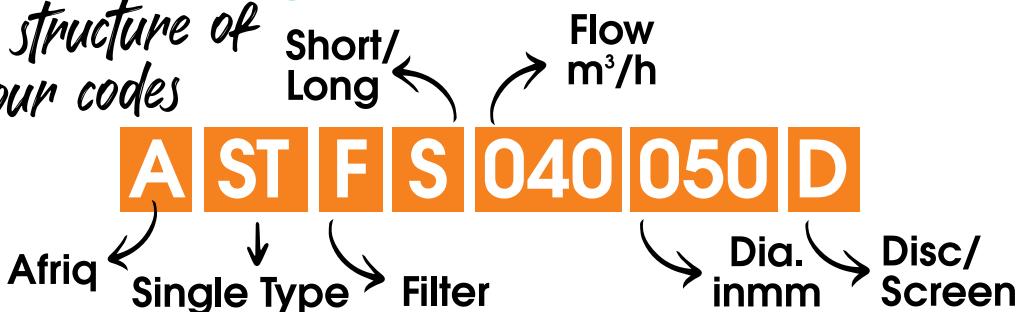


| Code | | Diameter | Flow | Type | Filtration Surface | Excl. Price | Incl. Price | | |
|-----------------|------------|-----------------------|------|--------|--------------------|-------------|-------------|--|--|
| AYTF006020D | MINI | 3/4" | 20mm | 6m³/h | Disc | 172cm² | R 162.36 | | |
| AYTF006020S | | | | | Screen | 178cm² | R 205.46 | | |
| AYTF007025D | | 1" | 25mm | 7m³/h | Disc | 172cm² | R 162.36 | | |
| AYTF007025S | | | | | Screen | 178cm² | R 205.46 | | |
| AYTCMINI020025D | | Replacement Cartridge | | | Disc | R 58.50 | R 67.28 | | |
| AYTCMINI020025S | | Replacement Cartridge | | | Screen | R 108.63 | R 124.92 | | |
| AYTF010032D | | 1 1/4" | 32mm | 10m³/h | Disc | 312cm² | R 250.86 | | |
| AYTF010032S | | | | | Screen | 322cm² | R 269.33 | | |
| AYTF015040D | | | 40mm | 15m³/h | Disc | 312cm² | R 250.86 | | |
| AYTF015040S | | | | | Screen | 322cm² | R 269.33 | | |
| AYTCMIDI032040D | 130 MICRON | Replacement Cartridge | | | Disc | R 119.40 | R 137.31 | | |
| AYTCMIDI032040S | | Replacement Cartridge | | | Screen | R 140.95 | R 162.09 | | |
| AYTF020040D | | 1 1/2" | 40mm | 20m³/h | Disc | 559cm² | R 439.38 | | |
| AYTF020040S | | 1 1/2" | 40mm | 20m³/h | Screen | 525cm² | R 321.02 | | |
| AYTF025050D | | 2" | 50mm | 25m³/h | Disc | 559cm² | R 439.38 | | |
| AYTF025050S | | 2" | 50mm | 25m³/h | Screen | 525cm² | R 321.02 | | |
| AYTCPLUS040050D | +PLUS | Replacement Cartridge | | | Disc | R 217.26 | R 249.85 | | |
| AYTCPLUS040050S | | Replacement Cartridge | | | Screen | R 184.04 | R 211.65 | | |





The structure of our codes



Erhas Large Plastic Filters with Stainless Steel Clamps



| Code | | Dia. | Flow | Type | | Filtration Surface | Excl. Price | Incl. Price |
|---------------|--------------|--------|--------|-------|--------|----------------------|-------------|-------------|
| Single Filter | ASTFS040050D | 2" | 50 mm | Short | Disc | 1 335cm ² | R3 545.09 | R4 076.85 |
| | ASTFS040050S | | | | Screen | 1 210cm ² | R3 833.65 | R4 408.70 |
| | ASTFL040050D | | | Long | Disc | 1 810cm ² | R3 875.20 | R4 456.48 |
| | ASTFL040050S | | | | Screen | 1 620cm ² | R4 328.44 | R4 977.71 |
| | ASTFS048063D | 2 1/2" | 65 mm | Short | Disc | 1 335cm ² | R3 545.09 | R4 076.85 |
| | ASTFS048063S | | | | Screen | 1 210cm ² | R3 833.65 | R4 408.70 |
| | ASTFL048063D | | | Long | Disc | 1 810cm ² | R3 875.20 | R4 456.48 |
| | ASTFL048063S | | | | Screen | 1 620cm ² | R4 328.44 | R4 977.71 |
| | ASTFS055080D | 3" | 80 mm | Short | Disc | 1 335cm ² | R3 545.09 | R4 076.85 |
| | ASTFS055080S | | | | Screen | 1 210cm ² | R3 833.65 | R4 408.70 |
| | ASTFL055080D | | | Long | Disc | 1 810cm ² | R3 875.20 | R4 456.48 |
| | ASTFL055080S | | | | Screen | 1 620cm ² | R4 328.44 | R4 977.71 |
| Double Filter | ADTFS070080D | 3" | 80 mm | Short | Disc | 2 670cm ² | R6 183.70 | R7 111.26 |
| | ADTFS070080S | | | | Screen | 2 435cm ² | R6 719.27 | R7 727.16 |
| | ADTFL100080D | | 100 mm | Long | Disc | 3 615cm ² | R6 801.61 | R7 821.85 |
| | ADTFL100080S | | | | Screen | 3 245cm ² | R7 708.85 | R8 865.18 |
| | ADTFS070100D | 4" | 100 mm | Short | Disc | 2 670cm ² | R6 183.70 | R7 111.26 |
| | ADTFS070100S | | | | Screen | 2 435cm ² | R6 719.27 | R7 727.16 |
| | ADTFL100100D | | | Long | Disc | 3 615cm ² | R6 801.61 | R7 821.85 |
| | ADTFL100100S | | | | Screen | 3 245cm ² | R7 708.85 | R8 865.18 |

Erhas Filter Replacement Cartridges 130 Micron

| Code | Type | Single | | Double | | Excl. Price | Incl. Price |
|--------------|--------|---------------------------|---|--------|------|-------------|-------------|
| | | Short | Long | Short | Long | | |
| ASDDFRCS | Disc | ✓ | ✗ | ✓ | ✗ | R 730.77 | R 840.39 |
| | | ✗ | ✓ | ✗ | ✓ | R 913.91 | R 1 051.00 |
| ASDDFRCL | Screen | 12.5cm x 1 Small Section | Additional sections used to build a new cartridge or added onto a cartridge that is too small | ✓ | | R 359.10 | R 412.97 |
| | | 25cm x 2 Small Sections | | ✓ | | R 717.30 | R 824.90 |
| ASDSCSL-12.0 | Screen | 37.5cm x 3 Small Sections | | ✓ | | R1 076.40 | R1 237.86 |
| | | 50cm Large Single Section | | ✗ | ✓ | R1 435.50 | R1 650.83 |

Erhas Irrigation Filter Prices





Afriq Water LDPE & HDPE pipes are super affordable, for those close enough to collect directly from the factory. For those further away, we recommend using a supplier close to you as courier costs add up for this bulky item.



Afriq Water LDPE Pipes



LDPE Pipes for Dripline Irrigation

Your next mainline + submain solution

LDPE (Low-Density Polyethylene) is a flexible, lightweight plastic known for its affordability. Our Class 3 Pipes are ideal for mains + submains for dripline.

LDPE Pipe Benefits



Lightweight in comparison to HDPE pipe systems



Soft pipe, able to be perforated for use with dripline layouts



Super affordable for Non-PC dripline installations

LDPE Roll Prices

Afriq Water LDPE Roll Prices

| Type | Diameter | Roll Length | Excl. Price | Incl. Price |
|-----------|----------|-------------|-------------|-------------|
| ALDPE1503 | 15mm | 100m | R 250.58 | R 288.17 |
| ALDPE2003 | 20mm | 100m | R 495.50 | R 569.83 |
| ALDPE2503 | 25mm | 100m | R 596.39 | R 685.85 |
| ALDPE3203 | 32mm | 100m | R 800.83 | R 920.95 |
| ALDPE4003 | 40mm | 100m | R 1 032.17 | R 1 187.00 |
| ALDPE5003 | 50mm | 100m | R 1 751.21 | R 2 013.89 |
| ALDPE6503 | 65mm | 50m | R 1 241.97 | R 1 428.27 |
| ALDPE8003 | 80mm | 50m | R 1 944.32 | R 2 235.97 |



Afriq Water is K-Rain's distributor and warehousing partner in South Africa. K-Rain is one of the world's largest manufacturers of irrigation rotors, sprays, valves, and controllers. K-Rain Irrigation is ideal for residential, commercial, and sports turf applications.

www.afriqwater.co.za



K-Rain Garden Irrigation

K-Rain Irrigation Prices



Please Note

We can't offer technical help on the K-Rain range,
but you can use the code of the product to
search for info on it on the K-Rain site, www.krain.com

K-Rain Prices

| K-Rain Controllers | | | | | | |
|--------------------|----------|--------------------------------------|------------------|-------------|-------------|--|
| Code | Stations | Type | Indoor / Outdoor | Excl. Price | Incl. Price | |
| 3504-220 | 4 | RPS46 | Indoor | R 923.14 | R 1 061.61 | |
| 3506-220 | 6 | | | R 969.00 | R 1 114.35 | |
| 3104ID-220 | 4 | | | R 1 406.43 | R 1 617.39 | |
| 3108ID-220 | 8 | | | R 1 850.00 | R 2 127.50 | |
| 3112ID-220 | 12 | | | R 2 610.00 | R 3 001.50 | |
| 3104WID-220 | 4 | | | R 1 585.71 | R 1 823.57 | |
| 3108WID-220 | 8 | | | R 2 021.43 | R 2 324.64 | |
| 3112WID-220 | 12 | | | R 2 814.29 | R 3 236.43 | |
| 3104-220 | 4 | PRO LC | Outdoor | R 1 469.29 | R 1 689.68 | |
| 3108-220 | 8 | | | R 1 807.14 | R 2 078.21 | |
| 3112-220 | 12 | | | R 2 821.43 | R 3 244.64 | |
| 3104W-220 | 4 | | | R 1 657.14 | R 1 905.71 | |
| 3108W-220 | 8 | | | R 2 071.43 | R 2 382.14 | |
| 3112W-220 | 12 | | | R 2 928.57 | R 3 367.86 | |
| 3202-220 | 4 | PRO EX 2.0 (Wi-Fi-Ready) | | R 2 678.57 | R 3 080.36 | |
| 3924-220 | 24 | RPS624 | | R 7 296.99 | R 8 391.54 | |
| BLUE-1 | 1 | Wireless Bluetooth (Battery-Powered) | | R 2 081.51 | R 2 393.74 | |
| BLUE-4 | 4 | | | R 3 747.14 | R 4 309.21 | |
| 3400-220 | 99 Zones | Sitemaster 220VAC 2-Wire Decoder | | R 26 155.71 | R 30 079.07 | |

K-Rain Controller Accessories

| Code | For | Description | Excl. Price | Incl. Price |
|-------------|------------|---------------------------------|-------------|-------------|
| 3205 | PRO EX2.0 | 4 Station Extention Module | R 760.00 | R 874.00 |
| 3205-14 | | 14 Station Extention Module | R 3 474.29 | R 3 995.43 |
| 3206 | | Optional RF Module | R 1 378.57 | R 1 585.36 |
| 3209 | | Optional Wi-Fi Hub | R 2 092.86 | R 2 406.79 |
| 3100-BRIDGE | PRO LC | Wi-Fi Bridge | R 1 997.14 | R 2 296.71 |
| 3401 | Sitemaster | Single Station Controller | R 2 278.57 | R 2 620.36 |
| 3402 | | Surge Protector Decoder | R 1 092.86 | R 1 256.79 |
| 3208-HRS | ALL | Rain Sensor for All Controllers | R 464.29 | R 533.93 |





K-Rain Irrigation Prices

K-Rain Rotors

| Code | Specifications | | | Excl. Price | Incl. Price |
|--------------|--------------------|------------------|-------------------|---------------|-------------|
| RPS75 | | | | | |
| RPS75 | Inlet F Thread BSP | 1.9 cm / 3/4" | Retracted Height | 18.7 cm | R 178.57 |
| | Nozzles | 1 Installed + 11 | Shrub Height | 19.0 cm | |
| | Arc Adj Range | 40° - 360° | Riser Height | 11.1 cm | |
| | Flow Range | 2.6 - 31 ℓ p/m | Pressure Rating | 1.4 - 4.8 BAR | |
| | Spray Radius | 6.7 - 15.5 m | Nozzle Trajectory | 26°. Low 11° | |

RPS75 SELECT

| | | | | | | |
|-------|--------------------|------------------|--------------------|---------------|----------|----------|
| 60003 | Inlet F Thread NPT | 1.9 cm / 3/4" | Retracted Height | 18.7 cm | R 228.21 | R 262.44 |
| | Nozzles | 4 Pre-Installed | Shrub Height | 16.8 cm | | |
| | Arc Adj Range | 40° - 360° | Riser Height | 11.1 cm | | |
| | Flow Range | 4.9 - 25.8 ℓ p/m | Pressure Rating | 2.1 - 4.8 BAR | | |
| | Spray Radius | 10 - 14 m | Percipitation Rate | 6 - 20 mm/hr | | |

MINI PRO GEAR-DRIVE SPRINKLER

| | | | | | | |
|-------|--------------------|-----------------|--------------------|-------------------|----------|----------|
| 13003 | Inlet F Thread BSP | 1.3 cm / 1/2" | Retracted Height | 15.2 cm | R 179.64 | R 206.59 |
| | Nozzles | 1 Installed + 4 | Riser Height | 10.2 cm | | |
| | Arc Adj Range | 40° - 360° | Nozzle Trajectory | 26° | | |
| | Flow Range | 3 - 14.4 ℓ p/m | Pressure Rating | 1.4 - 4.8 BAR | | |
| | Spray Radius | 5.5 - 10.1 m | Percipitation Rate | 6.6 - 15.24 mm/hr | | |

SUPER PRO WITH INTELLIGENT FLOW GEAR DRIVEN SPRINKLER

| | | | | | | |
|----------|--------------------|------------------|--------------------|--------------------|----------|----------|
| 10003 | Inlet F Thread BSP | 1.9 cm / 3/4" | Retracted Height | 19.05 cm | R 252.14 | R 289.96 |
| | Nozzles | 1 Installed + 12 | Riser Height | 10.79 cm | | |
| | Arc Adj Range | 40° - 360° | Nozzle Trajectory | 26° | | |
| | Flow Range | 4.1 - 42 ℓ p/m | Pressure Rating | 1.4 - 4.8 BAR | | |
| | Spray Radius | 7 - 14 m | Percipitation Rate | 5.39 - 30.89 mm/hr | | |
| 10003-SH | | | | With Shrub Head | R 278.57 | R 320.36 |

PRO SPORT 4" WITH BSP THREAD

| | | | | | | |
|--------------|--------------------|------------------|--------------------|----------------------|----------|------------|
| 14003-BSP | Inlet F Thread BSP | 1.9 cm / 3/4" | Retracted Height | 19.05 cm | R 770.00 | R 885.50 |
| | Nozzles | 1 Installed + 12 | Riser Height | 10.79 cm | | |
| | Arc Adj Range | 40° - 360° | Nozzle Trajectory | 26° | | |
| | Flow Range | 4.1 - 42 ℓ p/m | Pressure Rating | 1.4 - 4.8 BAR | | |
| | Spray Radius | 7 - 14 m | Percipitation Rate | 5.39 - 30.89 mm/hr | | |
| 14003-BSP-SS | | | | Stainless Steel Unit | R 957.14 | R 1 100.71 |

K1 SMART SET GEAR DRIVE SPRINKLER

| | | | | | | |
|-------|--------------------|----------------|---------------|---------------------|----------|----------|
| 31031 | Inlet F Thread BSP | 1.3 cm / 1/2" | Area Covered | 2.78 m ² | R 195.71 | R 225.07 |
| | Distance Adj. | Turnable Screw | Riser Height | 10 cm | | |
| | Spray Radius | 4.5 - 19.1 m | Arc Adj Range | 40° - 360° | | |



K-Rain Irrigation Prices



K-Rain Rotors Continued

| Code | Specifications | | | | Excl. Price | Incl. Price | | |
|------------------------------------|--------------------|-----------------|--------------------|-------------------------------------|-------------|-------------|--|--|
| K2 PRO | | | | | | | | |
| 10031 | Inlet F Thread BSP | 1.9 cm / 3/4" | Retracted Height | 19 cm | R 267.14 | R 307.21 | | |
| | Nozzles | 1 Pre-Installed | Shrub Height | N/A. Pop-Up | | | | |
| | Arc Adj Range | 90° - 360° | Riser Height | 12.7 cm | | | | |
| | Flow Range | 4 - 42 l p/m | Pressure Rating | 2 - 4 BAR | | | | |
| | Spray Radius | 5.5 - 12 m | Percipitation Rate | 7 - 17 mm/hr | | | | |
| DIY K5 SELECT | | | | | | | | |
| 61031 | Inlet F Thread NPT | 1.9 cm / 3/4" | Pressure Rating | 2 - 3.4 BAR | R 276.93 | R 318.47 | | |
| | Nozzles | 4 Pre-Installed | Water-Saving Rate | 30% Compared to other rotor systems | | | | |
| | Arc Adj Range | 40° - 360° | | | | | | |
| | Flow Range | 2.6 - 31 l p/m | | | | | | |
| | Spray Radius | 10 - 14 m | | | | | | |
| DIY K5 GEAR DRIVE SPRINKLER | | | | | | | | |
| 15103 | Inlet F Thread BSP | 1.9 cm / 3/4" | Riser Height | 10 cm | R 227.07 | R 261.13 | | |
| | Spray Radius | 6 - 16.7 m | Arc Adj Range | 40° - 360° | | | | |

K-Rain Rotor Replacement / Spare Parts / Keys

| Code | For | Excl. Price | Incl. Price |
|---------|---|-------------|-------------|
| P100901 | RPS75 DIY K5 Gear Drive - 15103 | R 15.50 | R 17.83 |
| P100902 | PRO-SPORT 14003-BSP & 14003-BSP-SS RPS SELECT - 60003 SUPER PRO 10003 & 10003-SH DIY K5 Gear Drive - 15103 | R 16.43 | R 18.89 |
| P59995 | MINI PRO 13003 K ROTORS (K1 31031 & K2 10031 & K5 61031) | R 16.43 | R 18.89 |

ELECTRIC VALES

| Code | Specifications | | | | Excl. Price | Incl. Price | | |
|--|--|---------------|-----------------|--------------------|-------------|-------------|--|--|
| PRO SERIES 100 VALVE | | | | | | | | |
| 7001-BSP | Female BSP | 2.5 cm / 1" | Pressure Rating | 1.4 - 10.3 BAR | R 307.36 | R 353.46 | | |
| | Flow Control | Manual | Flow Range | 18.9 - 113.6 l p/m | | | | |
| PRO SERIES 150 VALVE | | | | | | | | |
| 24V AC 60Hz Standard Solenoid Inrush Current 0.43 Amps Holding Current 0.25 Amps MAX 10.3 BAR Pressure Rating | | | | | | | | |
| 7101-BSP | Female BSP | 2.5 cm / 1" | Flow Range | 18.9 - 113.6 l p/m | R 283.97 | R 326.57 | | |
| 7101-BSP-FC | PRO SERIES 150 VALVE 2.5 cm / 1" With Flow Control | | | | R 334.63 | R 384.83 | | |
| 7115-BSP | Female BSP | 3.8 cm / 1/2" | Flow Range | 75.7 - 454.2 l p/m | R 1 232.14 | R 1 416.96 | | |
| 7102-BSP | Female BSP | 5 cm / 2" | Flow Range | 75.7 - 454.2 l p/m | R 1 389.64 | R 1 598.09 | | |



K-Rain Irrigation Prices

K-Rain Sprayers

| Code | Specifications | | | | Excl. Price | Incl. Price | | | | |
|--|--|-------------------|------------------|--------------------|-------------|-------------|--|--|--|--|
| PRO-S | | | | | | | | | | |
| Inlet F BSP 1.3 cm / 1/2" Pressure Rating 1.4 - 7.6 BAR Flow Range 0.76 l p/m @ 6 BAR | | | | | | | | | | |
| 78004 | Type | 4" | Retracted Height | 15.2 cm | R 37.50 | R 43.13 | | | | |
| | Side Inlet | No | Riser Height | 8.9 cm | | | | | | |
| 78012 | Type | 12" | Retracted Height | 40.6 cm | R 193.93 | R 223.02 | | | | |
| | Side Inlet | Yes | Riser Height | 29.2 cm | | | | | | |
| 24151-H | Type | 4" with KVF15 Noz | Retracted Height | 15.2 cm | R 73.54 | R 84.57 | | | | |
| | Side Inlet | No | Riser Height | 8.9 cm | | | | | | |
| | Spray Radius | 4.27 - 5.18 m | Flow Range | 2.84 - 17.41 l p/m | | | | | | |
| 78000 | PRO-S SPRAYERS NOZZLE GUARD (78004 / 780012 / 24151-H) | | | | R 16.43 | R 18.89 | | | | |

ST-IS SURE THROW IMPACT SPRINKLER PART CIRCLE

| | | | | | | |
|--------------|--------------------|-------------------------|--------------------|--------------|----------|----------|
| ST-IS45 | Inlet F Thread NPT | 1.3 cm / 1/2" | Retracted Height | 23.9 cm | R 256.43 | R 294.89 |
| | Nozzles | 1 Pre-Installed + 3 | Riser Height | 6.5 cm | | |
| | Arc Adj Range | 15° - 360° | Nozzle Trajectory | 26° | | |
| | Flow Range | 7.6 - 19.9 l p/m | Pressure Rating | 2 - 3.9 BAR | | |
| | Spray Radius | 11.3 - 12.8 m | Percipitation Rate | 7 - 17 mm/hr | | |
| ST-IS45-TOOL | | ST-IS45 ADJUSTMENT TOOL | | | R 192.86 | R 221.79 |

NARROW PROFILE (NP) SPRAYER BODIES

| | | | | | | |
|--|------------------|---------|--------------|--------|---------|---------|
| Inlet F BSP 1.3 cm / 1/2" Pressure Rating 1.4 -3.5 BAR Ratcheting Riser Stainless Steel Retraction Spring | | | | | | |
| NP2 | Retracted Height | 10.2 cm | Riser Height | 5.1 cm | R 38.21 | R 43.94 |
| NP4 | Retracted Height | 15.2 cm | Riser Height | 9.8 cm | R 38.21 | R 43.94 |

NARROW PROFILE (NP) 4" SPRAYERS WITH KVF NOZZLES 90° - 360°

| | | | | | | |
|-------------|--------------|---------------|------------|--------------------|---------|---------|
| NP4-KVF6 ● | Spray Radius | 1.82 - 2.74 m | Flow Range | 1.2 - 6 l p/m | R 38.93 | R 44.77 |
| NP4-KVF8 ● | Spray Radius | 2.74 - 3.05 m | Flow Range | 1.48 - 8.71 l p/m | R 38.93 | R 44.77 |
| NP4-KVF10 ● | Spray Radius | 3.05 - 3.66 m | Flow Range | 1.7 - 10.6 l p/m | R 38.93 | R 44.77 |
| NP4-KVF12 ● | Spray Radius | 3.66 - 4.27 m | Flow Range | 2.46 - 13.25 l p/m | R 38.93 | R 44.77 |
| NP4-KVF15 ● | Spray Radius | 4.27 - 5.18 m | Flow Range | 2.84 - 17.41 l p/m | R 38.93 | R 44.77 |
| NP4-KVF17 ● | Spray Radius | 5.18 - 5.49 m | Flow Range | 3.22 - 18.17 l p/m | R 38.93 | R 44.77 |

K-Rain Nozzles

KVF NOZZLES 90° - 360°

| Code | Specifications | | | | Excl. Price | Incl. Price |
|---------|----------------|---------------|------------|--------------------|-------------|-------------|
| KVF6 ● | Spray Radius | 1.82 - 2.74 m | Flow Range | 1.2 - 6 l p/m | R 20.64 | R 23.74 |
| KVF8 ● | Spray Radius | 2.74 - 3.05 m | Flow Range | 1.48 - 8.71 l p/m | R 20.64 | R 23.74 |
| KVF10 ● | Spray Radius | 3.05 - 3.66 m | Flow Range | 1.7 - 10.6 l p/m | R 20.64 | R 23.74 |
| KVF12 ● | Spray Radius | 3.66 - 4.27 m | Flow Range | 2.46 - 13.25 l p/m | R 20.64 | R 23.74 |
| KVF15 ● | Spray Radius | 4.27 - 5.18 m | Flow Range | 2.84 - 17.41 l p/m | R 20.64 | R 23.74 |
| KVF17 ● | Spray Radius | 5.18 - 5.49 m | Flow Range | 3.22 - 18.17 l p/m | R 20.64 | R 23.74 |



K-Rain Irrigation Prices



K-Rain Nozzles Continued

| Code | Specifications | | | Excl. Price | Incl. Price | | | |
|---|----------------|-------------|-----------|--------------------|-------------------|--|--|--|
| Rotary Hand Adjustable Nozzles | | | | | | | | |
| Flow Control (25% Radius Reduction) 80° - 360° Double Pop-Up System Speed Rotation Control Multiple Stream Technology Low flow rate 2.8 Recommended BAR | | | | | | | | |
| RN100-ADJ ● | Spray Radius | 3.9 - 4.5 m | Flow Rate | 0.83 - 4.50 ℓ p/m | R 126.21 R 145.14 | | | |
| RN200-ADJ ● | Spray Radius | 4.8 - 5.7 m | Flow Rate | 1.29 - 7.19 ℓ p/m | R 126.21 R 145.14 | | | |
| RN300-ADJ ● | Spray Radius | 7.9 - 8.5 m | Flow Rate | 3.03 - 14.38 ℓ p/m | R 126.21 R 145.14 | | | |
| Fixed Pattern Nozzles | | | | | | | | |
| 1.5 - 2 Recommended BAR | | | | | | | | |
|  Centre-Strip | | | | | | | | |
| FN15CS | Spray Radius | 1.2 - 9.1 m | Flow Rate | 3 - 3.8 ℓ p/m | R 22.79 R 26.21 | | | |
|  End-Strip | | | | | | | | |
| FN15ES | Spray Radius | 1.2 - 4.6 m | Flow Rate | 1.5 - 1.9 ℓ p/m | R 22.79 R 26.21 | | | |
|  Side-Strip | | | | | | | | |
| FN15SS | Spray Radius | 1.2 - 9.8 m | Flow Rate | 4.2 - 4.9 ℓ p/m | R 22.79 R 26.21 | | | |

K-Rain Installation Accessories

| Code | Description | Excl. Price | Incl. Price |
|-----------|--|-------------|-------------|
| P3008114 | 9V Replacement Solenoid | R 281.79 | R 324.06 |
| P3008113 | 24V Replacement Solenoid | R 238.54 | R 274.32 |
| P3004750 | 24V Replacement Solenoid Kit for RainBird / Hunter | R 381.79 | R 439.06 |
| P513995 | MINI PRO / 13003 Check Disc with Insert | R 31.29 | R 35.98 |
| P16009110 | 1.9 cm / ¾" Rotor Check Disc with Insert | R 16.43 | R 18.89 |
| P53429 | NP Spray Check Disc with Insert | R 19.86 | R 22.84 |
| PFSA | Adaptor Shrub with Male Thread | R 16.07 | R 18.48 |
| 1522 | 2.2kW 220V Pump-Start Relay | R 1 292.86 | R 1 486.79 |
| TB-ADJ | Adjustable Tree Bubblers 0 - 20 ℓ p/m | R 34.20 | R 39.33 |

