



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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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 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



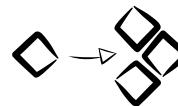
Quick Coupling HDPE Sprinkler Systems

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.



HPDE 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.



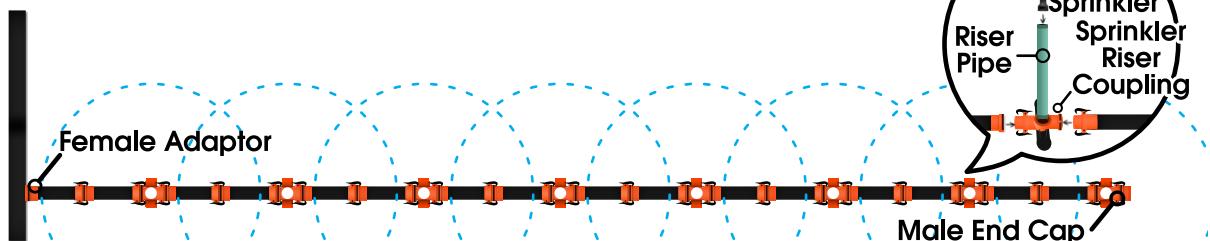
Male End Caps

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 |



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 |

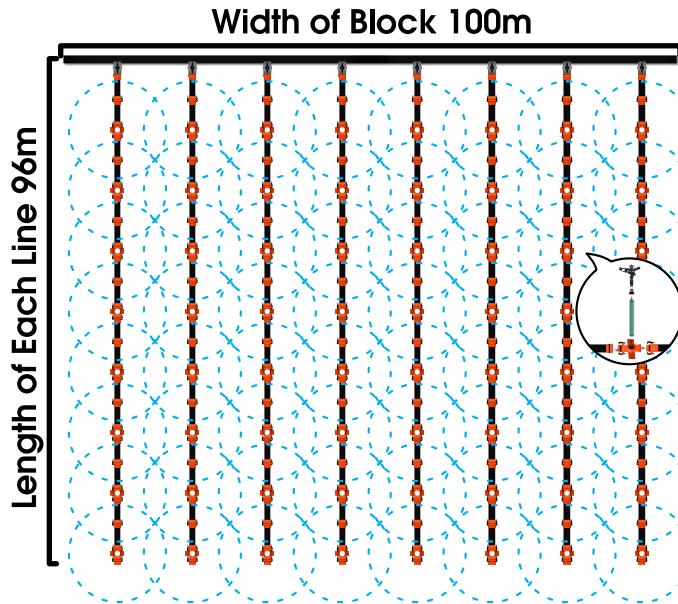


Afriq Irripipe Layout Options



Quick Coupling HDPE Layout Options

Hectare Design Suggestion Long lateral lengths

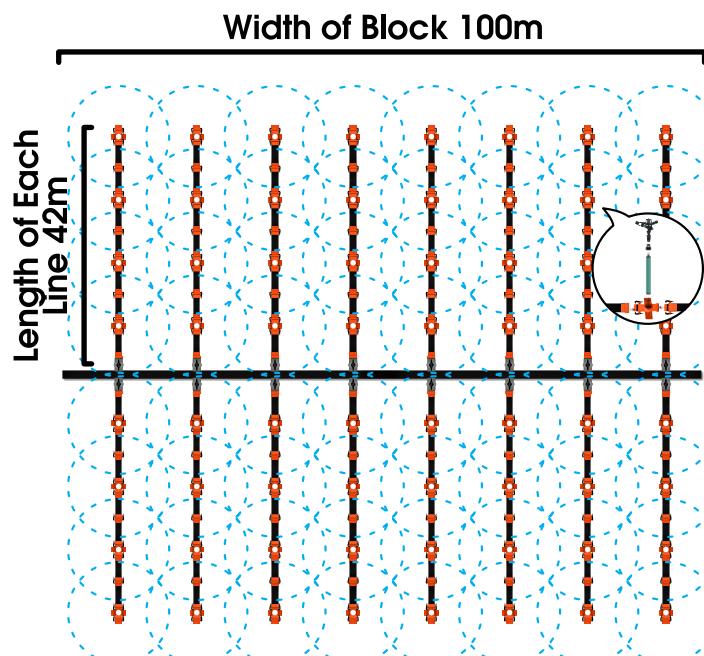


| QTY | |
|--|-------|
| Width of block | 100 m |
| Length of block | 100 m |
| Length of each pipe line (no pipe required after last sprinkler set) | 96 m |
| Distance between lines | 12 m |
| Distance between sprinkler sets | 12 m |
| Lines per block | 8 |
| Pipes per line | 16 |
| Pipes per block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

