



*Affordable + quality
irrigation supplies*

Local is lekker



2025 Catalogue

Manufacturers of **#Afrig 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

Directors: Wynand Ueckermann & Helana Ueckermann
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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



Contact us



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www.afriqwater.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





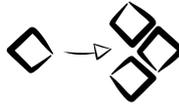
Quick Coupling HDPE Sprinkler Systems

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

Quick Coupling HDPE Benefits



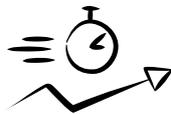
Durable and strong, made to last



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 inmm. 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

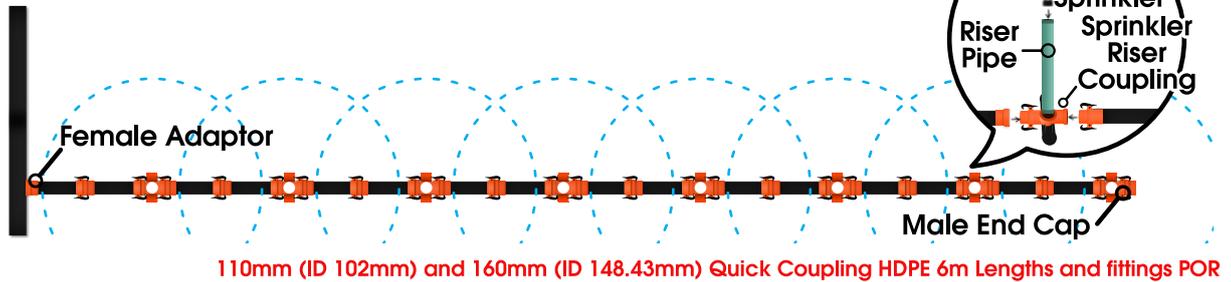
Afrigo Irrigation Quick Coupling HDPE





Afrig Irripipe Quick Coupling HDPE Prices

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			

Afrig 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			





Afrig Iripipe Quick Coupling HDPE Prices

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 *Not available from IU*

Code	Type	Thread + Adaptor	Excl. Price	Incl. Price
1610SK LF	Low Flow	20 mm BSP x 25 mm Adaptor	R 74.63	R 85.82
1610S	Multi-Use		R 76.55	R 88.03
1615K	Baby Sprinkler	15 mm BSP x 20 mm Adaptor	R 42.10	R 48.42

Specifications Orange Sprinkler Heads

Nozzle Dia. (mm)	1.5 BAR		2 BAR		2.5 BAR		3 BAR	
	Flow l/h	Radius (m)						

1610SK LF Low Flow + includes 4 nozzles total

2.3 ♂ x 3.8 ●	1 130	11.3	1 340	12.0	1 490	12.9	1 630	13.8
2.3 ♂ x 4.0 ●	1 130	11.4	1 350	12.1	1 520	13.0	1 660	13.8
2.3 ♂ x 5.0 ●	1 470	12.45	1 750	13.0	1 970	13.5	2 160	14.0
4.0 ● x 5.0 ●	1 790	11.35	2 140	12.1	2 400	12.9	2 630	13.7

1610S Multi-Use + includes 6 nozzles total

4.0 ♂ x 5.0 ●	1 690	11.75	2 020	12.2	2 270	12.7	2 500	13.2
4.0 ♂ x 5.5 ●	1 760	12.6	2 110	13.0	2 370	13.4	2 580	13.8
3.5 ♂ x 5.0 ●	1 450	11.9	1 780	12.4	2 030	12.9	2 240	13.4
3.5 ♂ x 5.5 ●	1 590	12.2	1 900	12.8	2 130	13.3	2 350	14.0

1615 K Baby Sprinkler + includes 6 nozzles total

2.5 ● x 3.5 ●	970	9.8	1 160	10.05	1 310	10.35	1 430	10.65
2.5 ● x 2.8 ●	790	9.5	940	9.9	1 060	10.3	1 160	10.65
1.8 ♂ x 3.5 ●	770	9.75	920	10.55	1 030	11.4	1 130	12.3
1.8 ♂ x 2.8 ●	640	9.75	770	10.3	860	10.65	940	11.0

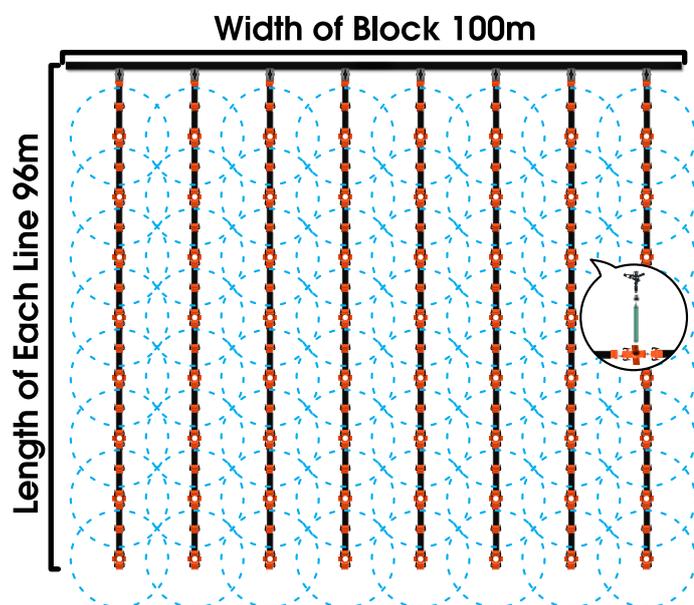




Quick Coupling HDPE Layout Options

Hectare Design Suggestion

Long lateral lengths



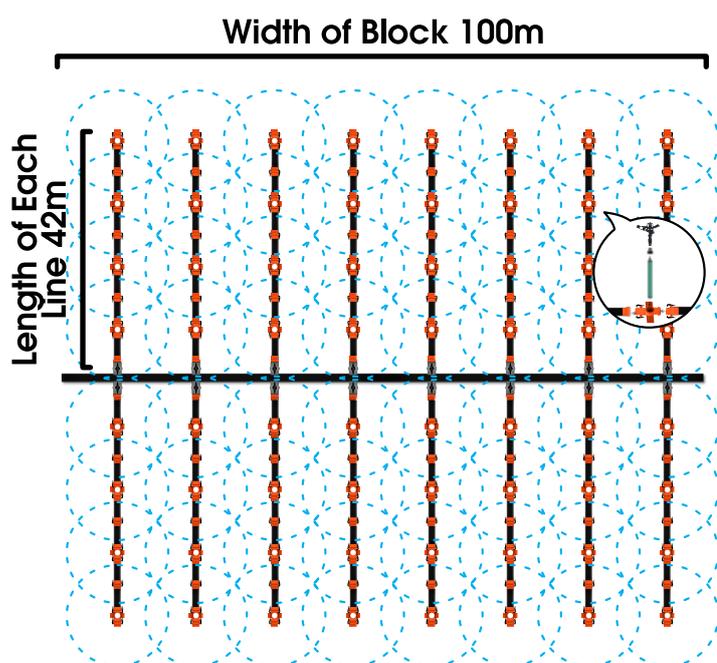
	QTY
Width of block	100 m
Length of block	100 m
Length of each pipe line (no pipe required after last sprinkler set)	96 m
Distance between lines	12 m
Distance between sprinkler sets	12 m
Lines per block	8
Pipes per line	16
Pipes per block	128
Sprinkler sets per line	8
Sprinkler sets per block	64

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	

