

AGRICO
More than 100 years of service

PVC PIPE

Agrico is an in-house manufacturer of **high-quality PVC pipe** for seamless liquid transport. With over 30 years of experience, our engineering team holds the knowledge to supply the correct type of pipe, in diameter and pressure class you need. We carry extensive stock, ready for delivery.



With over 30 years of experience, Agrico is South Africa's oldest remaining manufacturer of PVC pipe.

After 117 years of service, the name Agrico has become synonymous with beautiful centre pivots, smart irrigation solutions and rugged implements built for local farms. But did you know that we also operate a highly successful PVC pipe factory? Agrico is currently the oldest remaining manufacturer of PVC pipe in Southern Africa.

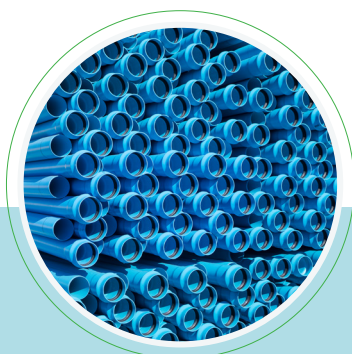


HIGH-QUALITY uPVC AND MPVC PIPES

At Agrico's booming PVC pipe factory, located in Bellville, Cape Town, more than 3000 km of PVC pipe is produced each year. And with recent upgrades, the fully owned production facility has spare capacity to produce even more!

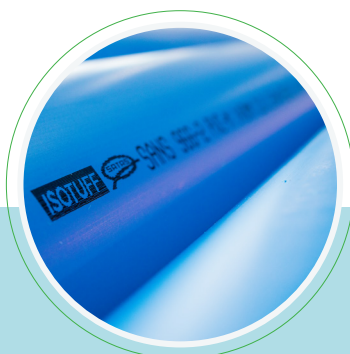
Three ranges of PVC pipes are manufactured at our PVC pipe factory:

OVERVIEW



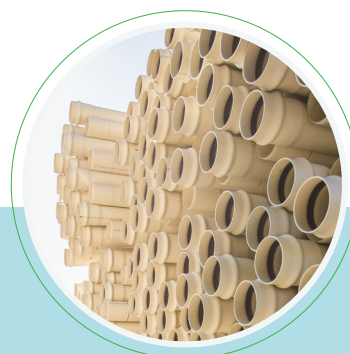
uPVC

IsoFlo, our PVC-U range, is economical, corrosion free and easy to install. uPVC (unplasticised polyvinyl chloride) pipe is widely used in a variety of agricultural and industrial applications. Our PVC-U is **SANS 966-1 approved**.



mPVC

IsoTuff, our range of PVC-M (modified PVC) pipe, is made by combining PVC with a toughness enhancing agent, to increase its resistance to impacts and shocks. This allows for saving in material to be achieved. Our PVC-M pipe is **SANS 966-2 approved**.



S&D

IsoDrain is our S&D (sewage and drain) pipe, and the latest addition to our PVC offering. IsoDrain pipe is often used for the transportation of sewage and drain water. Lightweight, stress resistant, and ideal for non-pressure applications, our S&D pipe is **SANS 791 approved**.

ISOFLOW PVC-U PIPE

Unplasticised PVC is one of the most common type of PVC used for pipes and fittings. This type of PVC is rigid in composition and typically used for transporting water, underground drainage and sewage, moving soil or waste and other industrial applications.

PVC-U is suitable for a wide range of applications as it is very resistant to chemical erosion and able to function under a range of temperatures and pressures inside various systems. Smooth inner walls associated with PVC-U also encourage the effective flow of liquids inside a system.



OUR PVC-U RANGE

Minimum wall thickness and mass per 6 meter length for each size and class (5.8 m length for 350, 400 and 500 mm diameter).

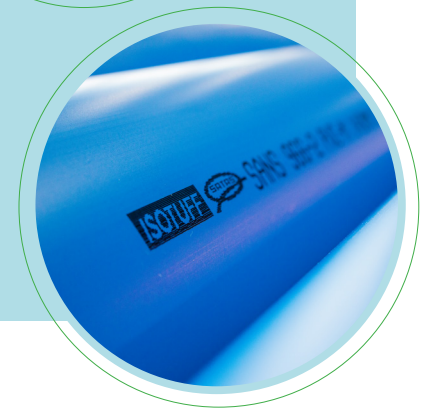
| CLASS 4 | | | CLASS 6 | | CLASS 9 | | CLASS 12 | | CLASS 16 | | CLASS 20 | |
|---------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
| Diameter (mm) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) |
| 20 | | | | | | | | | 1.5 | 0.8 | | |
| 25 | | | | | | | | | 1.9 | 1.2 | | |
| 32 | | | | | 1.6 | 1.3 | 1.8 | 1.5 | 1.5 | 1.2 | | |
| 40 | | | 1.6 | 1.7 | 1.8 | 1.9 | 2.3 | 2.4 | 3.0 | 3.0 | | |
| 50 | 1.5 | 2.0 | 1.8 | 2.4 | 2.2 | 2.9 | 2.8 | 3.6 | 3.7 | 4.7 | | |
| 63 | 1.5 | 2.5 | 1.9 | 3.2 | 2.7 | 4.5 | 3.6 | 5.9 | 4.7 | 7.5 | | |
| 75 | 1.5 | 3.0 | 2.2 | 4.3 | 3.2 | 6.2 | 4.3 | 8.2 | 5.6 | 10.5 | 6.9 | 12.7 |
| 90 | 1.8 | 4.4 | 2.7 | 6.5 | 3.9 | 9.3 | 5.1 | 11.9 | 6.7 | 15.4 | 8.2 | 18.5 |
| 110 | 2.2 | 6.5 | 2.6 | 7.7 | 3.9 | 11.4 | 5.1 | 14.8 | 6.7 | 19.1 | 8.2 | 23.1 |
| 125 | 2.5 | 8.5 | 3.0 | 10.1 | 4.4 | 14.7 | 5.8 | 19.1 | 7.6 | 24.7 | 9.3 | 29.7 |
| 140 | 2.8 | 10.6 | 3.3 | 12.5 | 4.9 | 18.3 | 6.5 | 24.0 | 8.5 | 30.9 | 10.4 | 37.3 |
| 160 | 3.2 | 13.9 | 3.8 | 16.4 | 5.6 | 24.0 | 7.4 | 31.3 | 9.7 | 40.4 | 11.9 | 48.8 |
| 200 | 3.9 | 21.2 | 4.7 | 25.5 | 7.0 | 37.5 | 9.2 | 48.2 | 12.1 | 63.1 | 14.9 | 76.6 |
| 250 | 4.9 | 33.4 | 5.9 | 40.1 | 8.7 | 58.5 | 11.5 | 76.4 | 15.1 | 98.8 | 18.6 | 119.8 |
| 315 | 6.2 | 53.5 | 7.4 | 63.6 | 11.0 | 93.5 | 14.5 | 121.8 | 19.0 | 157.2 | | |
| 355 | 7.0 | 66.1 | 8.4 | 79.0 | 12.4 | 115.3 | 16.3 | 149.8 | 21.4 | 193.7 | | |
| 400 | 7.8 | 83.2 | 9.4 | 99.9 | 14.0 | 147.0 | 18.4 | 191.0 | 24.1 | 246.4 | | |
| 450 | 8.9 | 107.1 | 10.6 | 127.0 | 15.7 | 186.0 | 20.7 | 242.4 | | | | |
| 500 | 9.8 | 131.5 | 11.8 | 157.7 | 17.4 | 229.8 | 22.9 | 299.0 | | | | |
| 630 | 12.5 | 212.8 | 14.8 | 251.0 | 21.9 | 367.1 | | | | | | |

ISOTUFF PVC-M PIPE

Modified PVC is a thermoplastic alloy form of PVC, modified using compatible agents. Adding impact modifier to the PVC resin during the manufacturing process modifies it to be more resistant to impacts, shocks and cracks.

Modified PVC has a higher toughness level, is less rigid and more ductile than PVC-U and exhibits excellent flow characteristics. This allows a saving in material and cost to be achieved – PVC-M pipes have a thinner wall than PVC-U pipes of the same class and diameter, and cost less.

These pipes can last over 50 years, depending on the application. PVC-M can be used to transport water for drinking, and non-potable water for irrigation systems. Pipes made from PVC-M are also used to move industrial waste, sewage and even abrasive or corrosive materials in mining



OUR PVC-M RANGE

Minimum wall thickness and mass per 6 meter length for each size and class (5.8 m length for 350, 400 and 500 mm diameter).

| CLASS 6 | | | CLASS 9 | | CLASS 12 | | CLASS 16 | | CLASS 20 | | CLASS 25 | |
|---------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
| Diameter (mm) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) |
| 20 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | |
| 50 | 1.5 | 2.0 | 1.5 | 2.0 | 1.7 | 2.3 | 2.2 | 2.9 | 2.7 | 3.5 | 3.3 | 4.2 |
| 63 | 1.5 | 2.5 | 1.6 | 2.7 | 2.1 | 3.5 | 2.7 | 4.5 | 3.4 | 5.7 | 4.1 | 6.6 |
| 75 | 1.5 | 3.0 | 1.9 | 3.8 | 2.5 | 4.9 | 3.2 | 6.2 | 4.0 | 7.7 | 4.9 | 9.3 |
| 90 | 1.8 | 4.4 | 2.2 | 5.3 | 3.0 | 7.2 | 3.9 | 9.3 | 4.8 | 11.3 | 5.9 | 13.7 |
| 110 | 2.2 | 6.5 | 2.7 | 8.0 | 3.6 | 10.6 | 4.7 | 13.8 | 5.8 | 16.7 | 7.2 | 20.4 |
| 125 | 2.5 | 8.5 | 3.1 | 10.4 | 4.1 | 13.7 | 5.4 | 17.9 | 6.6 | 21.6 | 8.2 | 26.5 |
| 140 | 2.8 | 10.6 | 3.5 | 13.2 | 4.6 | 17.2 | 6.0 | 22.2 | 7.4 | 27.1 | 9.1 | 33.0 |
| 160 | 3.2 | 13.9 | 4.0 | 17.3 | 5.2 | 22.3 | 6.9 | 29.5 | 8.5 | 35.7 | 10.4 | 43.1 |
| 200 | 3.9 | 21.2 | 4.9 | 26.5 | 6.5 | 34.9 | 8.6 | 45.7 | 10.6 | 55.7 | 13.0 | 67.5 |
| 250 | 4.9 | 33.4 | 6.1 | 41.4 | 8.1 | 54.6 | 10.7 | 71.3 | 13.2 | 87.0 | 16.3 | 106.1 |
| 315 | 6.2 | 53.5 | 7.7 | 66.2 | 10.2 | 86.9 | 13.5 | 113.8 | 16.6 | 138.5 | | |
| 355 | 7.0 | 66.1 | 8.7 | 81.7 | 11.5 | 107.2 | 15.2 | 140.1 | 18.7 | 170.6 | | |
| 400 | 7.8 | 83.2 | 9.8 | 104.0 | 13.0 | 136.8 | 17.1 | 178.1 | 21.1 | 217.4 | | |
| 450 | 8.9 | 107.1 | 11.0 | 131.7 | 14.6 | 173.4 | 19.2 | 225.6 | 23.7 | 275.5 | | |
| 500 | 9.8 | 131.5 | 12.2 | 162.9 | 16.2 | 214.5 | 21.3 | 279.1 | 26.4 | 342.2 | | |
| 630 | 12.5 | 212.8 | 15.4 | 260.9 | 20.4 | 342.8 | | | | | | |

ISODRAIN SEWAGE & DRAIN PIPE

Standard sewer and drain pipe is used underground in non-pressure applications for the conveyance of sewage and drain water. Its application stretches across various market sectors. It is often used in the plumbing industry for domestic uses and in the civil market for municipal and infrastructure applications.

S&D pipe is lightweight, easy to handle and install. It is resistant to corrosion, moisture and roots, while offering high flow capacity. Our S&D pipes undergo various quality-control checks, enabling them to withstand the pressures of soil shifting, frost, freezing or thawing conditions.



OUR S&D RANGE

Minimum wall thickness and mass per 6 meter length for each size and class (5.8 m length for 350, 400 and 500 mm diameter).

| ND | | | HD | |
|---------------|---------------------|--------------------|---------------------|--------------------|
| Diameter (mm) | Wall thickness (mm) | Mass per pipe (kg) | Wall thickness (mm) | Mass per pipe (kg) |
| 110 | 2.2 | 7.5 | 3.0 | 10.1 |
| 160 | 3.2 | 15.9 | 4.7 | 23.1 |
| 200 | 3.9 | 24.2 | 5.9 | 36.2 |
| 250 | 5.0 | 38.7 | 7.3 | 56 |
| 315 | 6.2 | 60.5 | 9.2 | 89 |
| 355 | 7.0 | 73.5 | 10.2 | 106.1 |
| 400 | 7.9 | 89.9 | 11.7 | 131.3 |
| 450 | 8.8 | 112.5 | 13.2 | 167 |
| 500 | 9.8 | 139.7 | 14.6 | 206.1 |
| 630 | 12.4 | 224.3 | 18.4 | 329.6 |

Our *IsoFlo*, *IsoTuff* and *IsoDrain* pipes conform to the SANS 966-1, SANS 966-2 and SANS 791 standards, respectively, and are certified as such.

This means Agrico pipe is compliant with SABS (South African Bureau of Standards) standards which guarantees quality pipes.

BENEFITS OF PVC PIPES



In-house manufactured

A fully owned large-scale production facility, located in Bellville.

We currently produce and sell more than 3000 km of PVC pipe per year. With recent upgrades our factory has spare capacity to produce even more! An in-house team closely oversees the manufacturing process while stringent control to ensures quality and longevity.



Always instock

We carry extensive stock, ready for sale and delivery.

Multiple branches stock an extensive range of parts all over southern Africa. A large fleet of delivery vehicles transports our PVC pipe across the continent to individual buyers, middlemen and large firms alike. We do everything we can to provide you with the perfect connection, no matter the distance.



Widespread Support

Support from more than 35 branches across southern Africa.

Our teams hold the knowledge and experience to supply the correct solution to your needs, and tackle any problem that might come up. Whatever your application, we are experts in balancing upfront costs with energy expenditure, to ensure the most cost-effective choice of pipes.



Competitive prices

Optimal yet affordable piping solutions.

At Agrico, we understand that the optimal solution has to be a cost-effective one. That is why we offer the best prices on the market. How? In-house manufacturing, an extensive inventory and integrated supply chain, allow us to provide customers with reliable yet affordable pipes.



Sans-Accredited to guarantee quality

Supplying top quality products for your peace of mind is our top priority.

That is why all Agrico PVC pipe is certified by South African Technical Auditing Services (SATAS) to comply with the respective SANS-standards. All our pipe is SANS-accredited, and supplied in industry-standard colours to ensure wide acceptance in the market.

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