



# DANCO

quality • trust • innovation



## Building for Future Generations

Water | Sanitation | Telecom

**AQUAFLEX**  
HDPE PIPES & FITTINGS

**AQUAFLO**  
PPR PIPES & FITTINGS

**SANIFLEX**  
DWC PIPES & FITTINGS

**TELEFLEX**  
FIBRE OPTIC DUCTING

**AQUAPUMP**  
SURFACE & SUBMERSIBLE

RUIRU • MOMBASA • KIGALI

# Your Trusted Solution Provider



“ Long-lasting, sustainable solutions in East Africa. ”

Located in Ruiru, Kenya, Danco is part of the Spinners and Spinners Group with over 40 years of manufacturing experience. With state-of-the-art facilities, the company focuses on providing long-lasting, sustainable solutions in East Africa.

Danco's large operational capacity and fully certified laboratory is central to our service proposition – ensuring every product is delivered according to International Standards. We partner with a number of international partners to bring end-to-end solution to the water, sanitation, agriculture and telecom sectors in the region.

“ End-to-end solution to the water, sanitation, agriculture, and telecom sectors in the region... ”

## WHO WE ARE

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VISION

**BUILDING FOR THE FUTURE GENERATIONS**

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MISSION

**IMPROVING QUALITY OF LIFE IN AFRICA**

By providing trusted and sustainable water, sanitation and telecom solutions for infrastructure, domestic, and agricultural use.

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VALUES

**TRUST & INTEGRITY, QUALITY, INNOVATION, CONTINUOUS LEARNING, OWNERSHIP & ACCOUNTABILITY, TEAMWORK.**

# OUR SERVICES



Danco offers unparalleled technical expertise and customer delivery. ”



## DEDICATED AFTER-SALES SUPPORT:

Our after-sales team is readily available to address all queries promptly and efficiently, ensuring seamless customer satisfaction. Each of our solutions, including Automated Smart Metering (AMR) projects, has a specialized team to provide expert guidance and personalized support.



## COMPREHENSIVE TRAINING SERVICES:

We offer specialized training, including on-site welding and installation workshops, to equip your team with the necessary skills.



## ADVANCED WELDING TECHNOLOGY:

We utilize semi-automatic butt welding and electrofusion technology, complete with auditable welding reports for quality assurance.



## BEST PRACTICES ADVISORY:

Receive expert advice on service connections and transitional pipelines, ensuring optimal performance and safety.



## CERTIFIED WELDING TEAM:

Our certified welding professionals expertly handle butt fusion and electrofusion processes to guarantee durable and reliable connections.

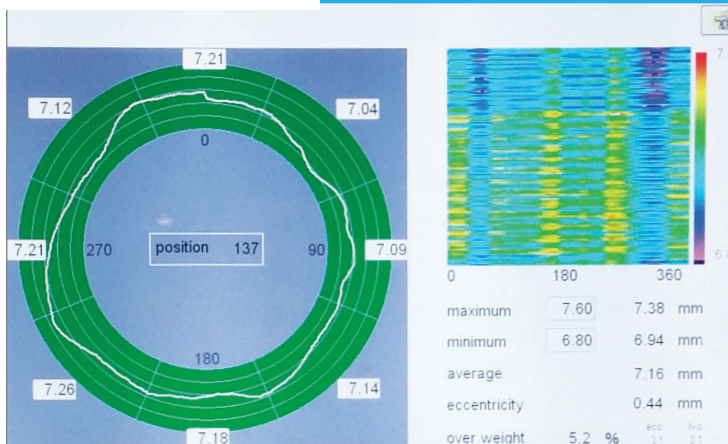
# HDPE PIPES & FITTINGS

At Danco we believe in improving lives through long-term sustainable solutions. Clean water is a human right. Water is essential for growth, prosperity, and a better standard of living. Central to our proposition is educating all stakeholders that a trusted, reliable solution can be achieved through making a stand and NOT compromising with quality.

“Clean water is a human right...”

**AQUAFLEX**  
HDPE PIPES & FITTINGS

**WRAS**  
APPROVED MATERIAL



## Aquaflex pipes are unique because:

- We rigorously test and manufacture to adhere to ISO 4427
- Are 100% virgin material, traceable to source
- Our ON LINE scanner ensures uniform thickness
- Our fully-certified lab tests every pipe.
- They are WRAS approved.

## HDPE Advantages:

### Lower Life-cycle costs

- 100 year life
- Abrasion and corrosion-resistant
- Leak tight
- Strongest Joints
- Excellent surge resistance
- Low repair maintenance
- Maintains optimum flow rates
- The piping system of choice

### Reduced Installation costs

- Flexibility
- Fewer fittings
- Light weight
- Quicker delivery time
- Quick installation
- Minimum thrust blocks
- Robust, joining system
- No DIG technique

### HDPE Fittings

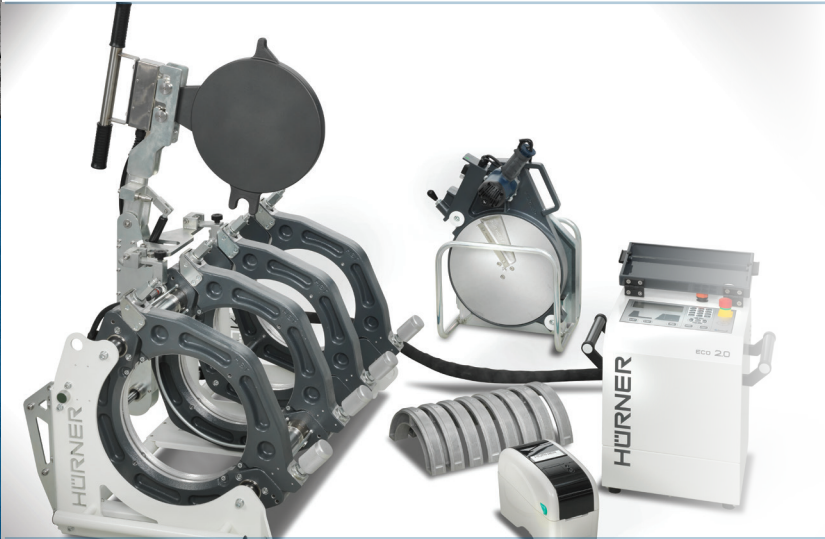




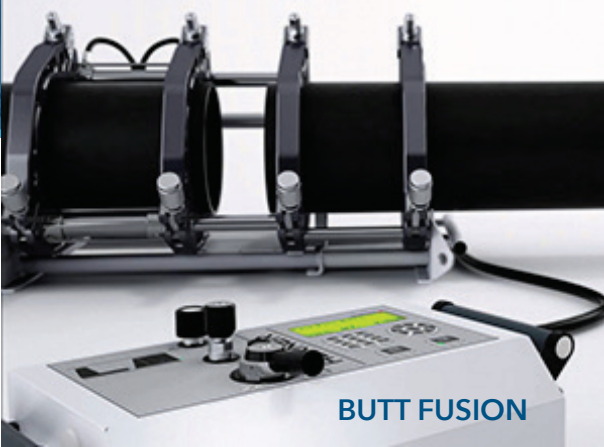
# PIPE JOINING SOLUTIONS

WATER

### SEMI-AUTOMATIC BUTT FUSION



### ELECTROFUSION



BUTT FUSION

**HURNER**  
SCHWEISSTECHNIK

We offer technical expertise, training, and customer delivery. Our technical team can help make your piping systems more effective and cost-productive. Additionally, we offer training and presentations for both technical teams and installers to help improve delivery. We also have a fully certified welding workshop, offering full service on Hurner Welding machines and joining services for butt welding and electrofusion at site.



# ➤ AUTOMATED METER READING

## Smart meters:

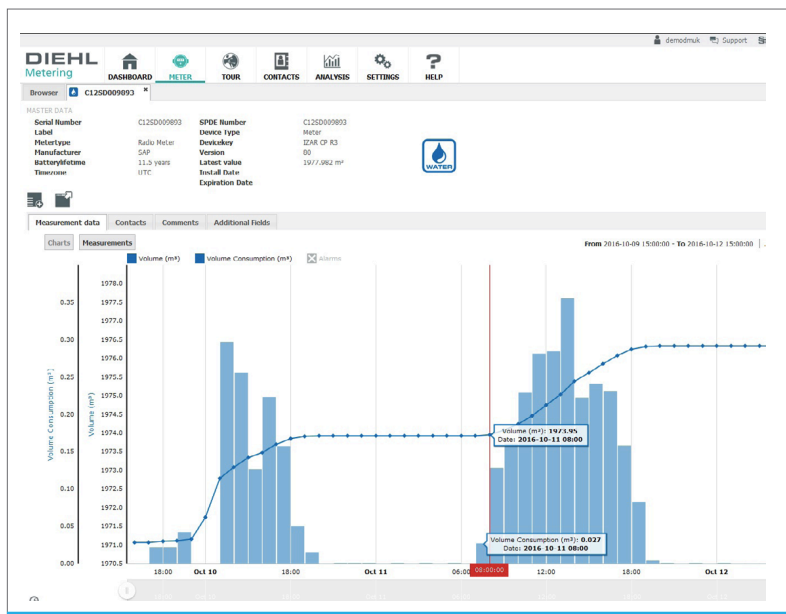


- Higher accuracy
- Longer life
- Increase revenue



**Reduce commercial losses by over 15% using accurate meters**

In partnership with Diehl Metering to provide a drive by or a fixed network solution. AMR modules can be fixed onto any smart meter and will help reduce commercial losses by over 7% and improve water management.



AMR Dashboard

## Why Choose DIEHL:

- 15 year lifetime
- 2-year manufacturer's warranty
- All meters are IMD, OIML and ISO approved
- All meters are AMR ready
- All meters are tamper proof:
  - Magnetic tamper up to 12,000 gauss
  - Hot needle tamper proof
- Higher accuracy for better revenue collection
- Danco's service center.



Smart Consumer



Ultrasonic

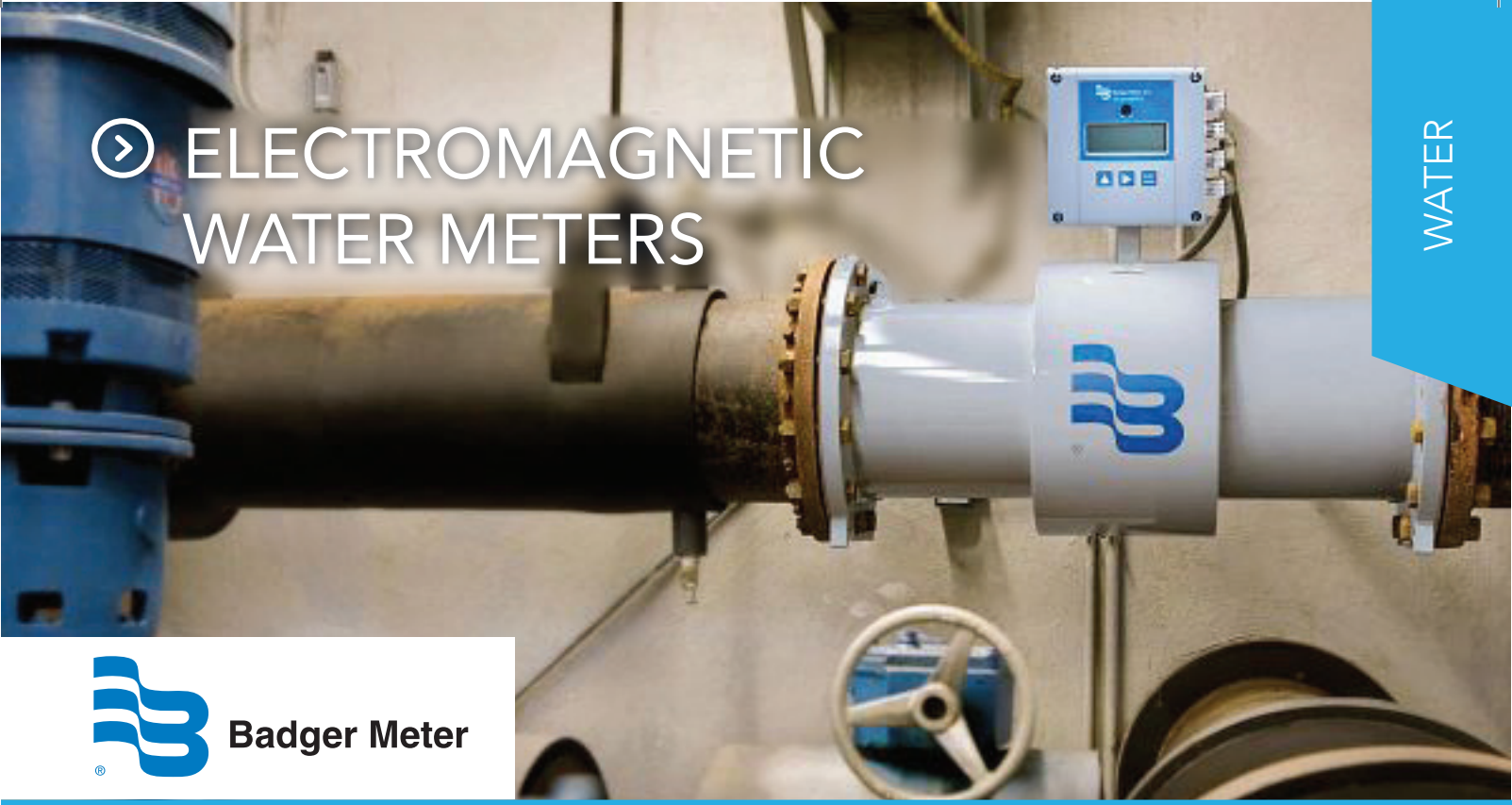


High Accuracy Bulk Meters



**DIEHL**  
Metering

# ➤ ELECTROMAGNETIC WATER METERS



Electromagnetic meters are a leading choice to deliver the performance and precision your applications require.

## Key features:

- **Minimal Maintenance.**  
Has no moving parts or flow obstructions, which virtually eliminates maintenance and pressure drops.
- **Impressive Accuracy.**  
Provides accuracy readings up to +0.20% of the measured value.
- **Wide Turndown Range.**  
Features a wide turndown ratio up to 400:1, providing wide flow range capabilities across a variety of applications.



**M5000 Electromagnetic Flow Meter**

The ModMAG® M5000 Electromagnetic flow meter is an ideal solution for remote potable water applications, providing consistently reliable and accurate measurements.

### PRODUCT SPECIFICATIONS

Size	1/2...24 in.
Temperature Range	Up to 302° F
Flow Range	0.1...32.8 ft/s (0.08...44,786 gpm)
Accuracy	±0.40%
Power Supply	3.6-volt internal lithium batteries (10-year battery life)



**M2000 Electromagnetic Flow Meter**

Combining a general-purpose detector with an amplifier, the ModMAG® M2000 Electromagnetic flow meter features an advanced, user-friendly design that is built for field verification testing with the use of a simple, handheld device.

### PRODUCT SPECIFICATIONS

Size	1/4...78 in.
Temperature Range	Up to 302° F
Flow Range	0.10...39.4 ft/sec (0.01...597,525 gpm)
Accuracy	±0.2%

## ➤ PPR PIPES

**AQUAFLO**  
PPR PIPES & FITTINGS

**WRAS**  
APPROVED MATERIAL

Danco Aquaflo pipes are manufactured under maximum precision to International Standards ISO 15874. Our Aquaflo pipes are fully printed and offer you the peace of mind of no leaks and surprises. This offers an excellent value for money, reliability, and builds reputation with our customers.

### Key features:

- 100% virgin material
- Manufactured to the correct wall thickness
- No use of filler or calcium carbonate
- 30 year lifetime
- Lab tested to DIN and ISO 15874
- Pipes are WRAS approved.

“Leaks are more expensive than buying the right pipe”



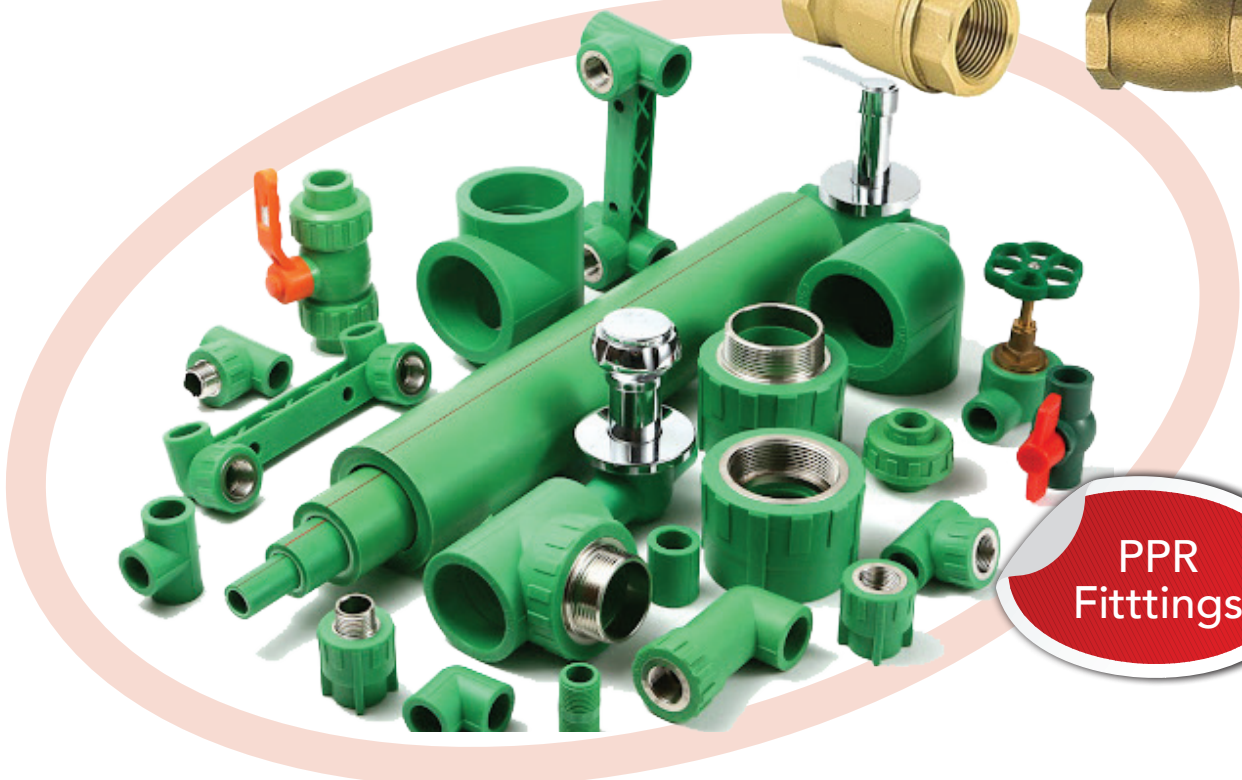
# OTHER ACCESSORIES



GI Fittings



Brass Valves



PPR Fittings

# MECH VALVES



Specializing in Gate valves, Butterfly valves, Air valves and Service connection systems.

We have partnered with two top players in the market for our different range of products. Both companies have superior quality valves and there is little or no difference in the body and mechanism of the valves.

The valves, available up to 1,000mm, have a GSK certification to prevent corrosion and are ultra-strong with a lifetime of over 30 years.



Pressure reducing valve



Gate valves



Fire hydrants

# ➤ PUMPS



## Aquapump, where Quality Meets Value

At Danco, as your partner in water solutions, we recognize the vital importance of reliable water management in today's world, as well as the need to build for a sustainable future.

### Key features

- Limits corrosion to the MS shaft
- Longevity of the pump
- Service centre and spare parts available
- 12 months warranty
- Affordable and value for money



Aquapump  
CB60 0.5HP

Aquapump Surface  
Pup CPM158



Whether you operate within plumbing, agricultural sector, manage municipal water supplies, engage in industrial applications, or simply require water for domestic use, the Danco Aquapump stands as your steadfast, sustainable, and dependable choice.

### Other pumps and accessories available



1.2 HP Submersible Water Pump SCMS



Submersible Water Pump



Electric Pressure Controller PC-4A



Pressure Switch SK-6



Floating Switch 6M PVC

# ➤ DOUBLE WALL CORRUGATED PIPES



“ DWC is set to revolutionize piping for sanitation and drainage ”

**SANIFLEX**  
DWC PIPES & FITTINGS

DWC piping is the latest innovation that Danco has brought to the sanitation industry. Manufacturing sizes from DN100 up to DN1,200, DWC is set to revolutionize piping for Sanitation and Drainage. The complete system with fittings is manufactured to ISO Standard at Danco.

## Key Benefits

- Durability: 100-year lifetime; strong and reliable
- Crack-resistant: stronger; lower failure rate
- Flexibility: better load capacity; more protection on unstable soils
- Lightweight: easy to install; cheaper transport costs
- Corrosion-resistant: longer lifetime; lower operational maintenance
- Abrasion-resistant: better hydraulics
- 6-meter length: less joints; faster installation time
- Leak-tight joints: less leaks and better system
- Available in SN4 (4KN per Sq. Meter) and SN8 (8KN per Sq. Meter)
- Does not deteriorate under methane attack.



## DWC DIMENSIONS

SN 4 and SN 8	
Nominal Size DN/ID series (mm)	
100	
150	
200	
250	
300	
400	
500	
600	
800	
1000	
1200	

## DWC Fittings



# ➤ UPVC PIPES



Danco offers multiple complete water, soil and waste systems, which comply with all major standards, offering mechanical engineers and plumbers with comprehensive plumbing solutions. Danco PVC pipes are a preferred choice for a wide range of plumbing and drainage applications due to below array of benefits:

## PVC Pipes Benefits

1. **Cost Effective:** PVC pipes are affordable compared to concrete and steel, making them a budget-friendly choice for various projects.
2. **Easy to Transport and Install**  
**Lightweight:** PVC pipes are significantly lighter than metal pipes, reducing transportation costs and making them easier to handle on-site.  
**User-Friendly Installation:** Can be cut and joined with simple tools, and use of solvent weld or rubber ring push fit ensures a quick and hassle-free installation process.
3. **Superior Longevity**
  - o **Durable:** PVC pipes boast high tensile and impact strength, ensuring they withstand the test of time and harsh environmental conditions.
  - o **Low Maintenance:** Resistant to rust, corrosion, and chemical reactions, leading to a longer lifespan with minimal upkeep.
4. **Perfect Choice for Leak-Proof Piping Systems**
  - o **Secure Joints:** The use of solvent weld or rubber ring push fit ensures tight, secure connections that prevent leaks.
  - o **Reliable Performance:** Smooth interior surfaces reduce the risk of blockages and maintain consistent flow rates, further reducing the chance of leaks and system failures.
5. **Smooth Interior • Low Friction Loss:** The smooth interior prevents the buildup of deposits, maintaining high flow rates and ensuring efficient operation throughout the pipe's lifespan.
6. **End-to-end water solutions and System:** Danco offers a full range of plastic pipes and fittings to meet all your plumbing needs. Extensive Range of Pipes and Fittings A wide selection of Danco pipes and fittings ensures versatility in applications.

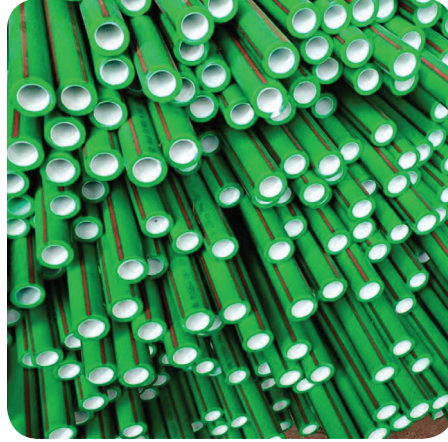
# ➤ OTHER PIPE APPLICATIONS

## PPR Applications

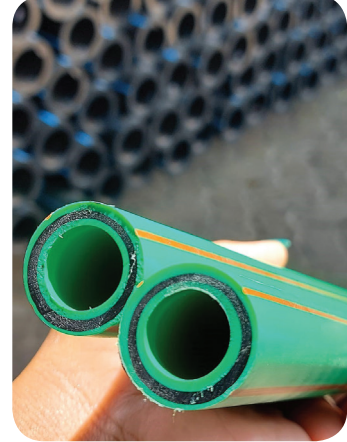
■ Solar PPR pipes



■ Multi-layered PPR pipes



■ Glass-reinforced pipes



## DWC Applications

■ Electrical conduit



**TECHFLEX**  
ELECTRICAL DUCT

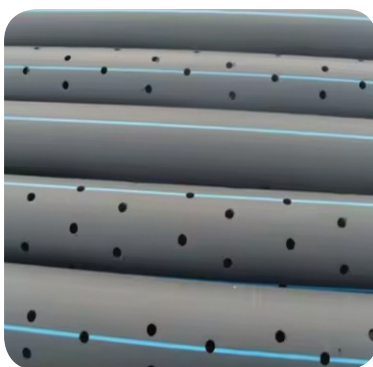
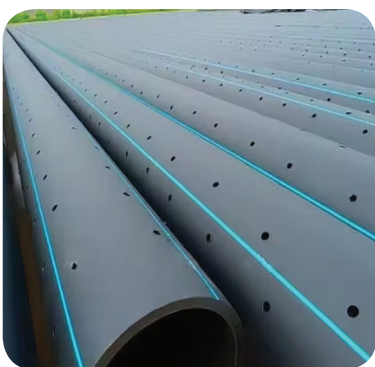
■ Inspection Chamber



■ DWC Fittings



## Slotted/Perforated pipes



**DRAINFLEX**  
CHAMBERS & PERFORATED PIPE

We are Africa's leading manufacturer of HDPE duct used in the telecommunication sector. We partner with a number of international like minded firms to bring end to end long lasting solution that improve lives through innovation and education.

## Teleflex Pipes/Ducts:

Using our specialized 3-layer machine we manufacture silicone coated telecom ducting for use to keep underground cabling safe and protected. The silicone coating provides an ultra-smooth inner surface for minimal friction and the flexible ducting are made with no added filler, keeping the best properties and avoiding cracking on site.



**Cables:** ■ ADSS Cable ■ Micro Cable ■ Normal Cable

## Manholes & Handholes:

We offer variety of manhole and handhole options. Our manholes are manufactured from Sheet Moulded compound (SMC) Glass Reinforced Polymer (GRP) material that is 4X stronger than the conventional brick and mortar ensuring the safety of your network is not compromised. The manholes and handholes are smart enabled and can be integrated on any Network Operating system (NOC).



Ductile Iron manholes available on request.

## Telecommunication Accessories:

Gas blocks 14mm	Tension Clamp	Push Fit Connectors	Fiber Optic Patch Cords	UPB	Adaptors	Slack Bracket
End Cap 14mm	Metal Bracket	FAT	Compression Fittings	Straight Couplers	Dome & Horizontal Closures	Downlead Clamp
Dead Ends/Guy Grips	Buckle Clip	Binding Strap	J-Hook	Pole Anchor Clamp	Pigtails	Drop Cable
Micro Duct	Spiral Vibration Damper	Stay Wire	Tangents	Stay Rod	Drop Cable Tension Clamp	



**We are more than  
just pipes, we build  
connections**



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