

A&E'S GROUP OF COMPANIES LIMITED

# PRODUCT CATALOGUE

2026

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Pipes & Fittings • Water Storage Tanks  
Swimming Pool Equipment • Civil Infrastructure

QUALITY • RELIABILITY • ENGINEERING EXCELLENCE

Tanzania | Built to TZS, ISO & International Standards

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## Conduit & Cable Containment Accessories

Complete suite of matching 1-way to 4-way loop-in junction boxes, couplings, connectors, and mounting clips for clean, code-compliant electrical cable management installations.

## Galvanized Iron (GI) Pipes

Heavy-walled, corrosion-resistant metallic piping for rigorous commercial plumbing and specialized gas lines. Suitable for high-pressure applications and environments requiring long-term structural integrity.

## Heavy-Duty Infrastructure Fittings (PP)

High-grade Polypropylene (PP) compression fittings, butt-fusion joints, and mechanical couplers engineered for leak-free, long-term deployment in civil infrastructure and water distribution networks.

## PPR Piping & Heat-Fusion Systems

High-temperature green and white Polypropylene Random Copolymer (PPR) pipes with brass-insert fittings for indoor leak protection. Sizes: 20mm, 25mm, 32mm, 40mm, 50mm, 63mm. Rated PN 16 and PN 20 for continuous hot and cold-water pressure in residential, hotel,

## Flexible Corrugated Conduits

Highly adaptable flame-retardant conduit piping engineered for complex structural bends, tight architectural spaces, and column installations. Ideal where rigid conduits cannot be used.

## HDPE Piping Systems

High-Density Polyethylene rolls and lengths designed for high-pressure durability, rural water supply networks (RUWASA), and industrial fluid transmission. Available in diameters from 20mm to 630mm. PN 6–10 for gravity-fed systems; PN 12.5–16 for high-pressure pumping mains; PN 20–25 for mining and heavy-duty industrial

## Malleable Galvanized Iron Fittings

Complete inventory of high-strength, precision-threaded GI fittings to BSPT/NPT standards. Includes: 45° & 90° Elbows/Bends, Equal & Reducing Tees, Sockets & Couplings, Barrel/Close/Hex Nipples, Three-piece Unions, Reducing Bushings & Sockets,

## Rigid uPVC Conduit Pipes

High-impact, flame-retardant white conduit pipes (20mm and 25mm, light and heavy gauge) for structural wall chasing and concrete slab encapsulation. Manufactured to TBS compliance for electrical cable containment.

## uPVC Drainage & Soil Pipes

Lightweight, chemical-resistant uPVC pipes optimized for building drainage, commercial venting, and municipal sewage lines. Available in standard diameters: 32mm, 40mm, 50mm, 63mm, 75mm, 90mm, 110mm, 160mm, and 200mm.

## uPVC Pressure Pipes

High-volume unplasticized PVC pipes engineered for urban water authorities (DAWASA), agricultural irrigation, and deep borehole drilling. Classes: PN 4/Class A (low-pressure ducting), PN 6/Class B (gravity networks), PN 10/Class C (public water mains), PN 12.5/Class D (pump lines), PN 16/Class E (heavy-duty high-rise risers).

## uPVC Drainage Fittings

Comprehensive inventory of solvent-cement and rubber-ring joint accessories for leak-proof drainage systems. Includes: 45° & 90° Bends/Elbows (with/without inspection doors), Equal & Reducing Tees, 45° WYE branches, Couplings/Sockets, Concentric & Eccentric Reducers, Gully Traps & P-Traps, Access Pipes/Cleaning

# Vertical Cylindrical Water Storage Tanks

Food-grade, triple-layer high-density polyethylene tanks engineered for ground-level or elevated tower mounting. Features: UV-stabilized outer layer, middle insulating layer to keep water cool, and food-grade inner liner to prevent algae. Available in 1,000L, 2,000L, 3,000L,

## Centrifugal Pool Circulation Pumps

Self-priming, corrosion-proof mechanical pumps equipped with integrated lint/hair strainer baskets designed to handle high hydraulic pressure in pool filtration systems.

## High-Rate Sand Filters (Pool)

Heavy-duty, UV-resistant fiberglass tanks filled with graded silica sand to capture fine debris and organic matter from pool water. Suitable for residential, hospitality, and large public pool facilities.

## Pool Manual Cleaning Kits

Complete maintenance kits including telescopic aluminum poles, wall brushes, deep leaf nets, and flexible vacuum heads paired with heavy-duty floating hoses for thorough pool cleaning.

## Pool Safety Nets & Boundary Lines

Pool safety nets and structural boundary anchor lines engineered to secure unattended water surfaces and prevent accidental access. Suitable for residential, resort, and public pool facilities.

## Pool Surface Skimmers & Main Drains

White goods cast into the pool shell to clear floating surface debris and draw heavy water from the pool floor. Essential hydraulic components for complete pool circulation systems.

## Pool Wall Inlets & Return Jets

Directional wall fittings that distribute freshly filtered and chemically treated water evenly back into the pool, ensuring consistent water quality throughout.

## Stainless Steel Pool Ladders & Handrails

Heavy-gauge, corrosion-resistant stainless steel steps and handrails (grade SUS304/SUS316) built to withstand pool chemicals and coastal humidity for safe pool entry and exit.

## Underwater LED Pool Lights

Low-voltage, completely waterproof LED lighting systems for safe night swimming and aesthetic pool illumination. Suitable for residential, hospitality, and commercial pool installations.

GET IN TOUCH

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✓ TZS | ISO | International Standards Certified

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Civil Infrastructure • Sanitary Ware • Water Pumps & More

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