



MINEX

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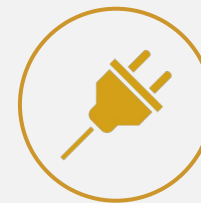
PRODUCT CATALOG

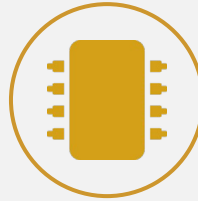
PVF SOLUTIONS FOR THE MINING INDUSTRY

2026

VALVES & FLOW CONTROL · BALL · BUTTERFLY · GATE · PLUG · KNIFE GATE · PINCH · GLOBE · CHECK · DIAPHRAGM · CONTROL

Our sales and applications team helps match the right valve technology and materials of construction to each process condition — from water and reagents to slurry and high-pressure services across the site.

**Ball Valves****Butterfly Valves****Gate Valves****Plug Valves****Knife Gate Valves****Pinch Valves****Globe Valves****Check Valves**

**Diaphragm Valves****Control Valves****Needle Valves****Actuators****Thermoplastic Valves****Strainers**

Available in carbon steel, stainless steel 316L, PVDF and CPVC to match process and corrosion requirements.

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ventas@minex-llc.com · 150 SE 2nd Ave Ste 1403 #6875, Miami, FL 33131

HIGH-PRESSURE WELLHEAD SYSTEMS & ACCESSORIES

For high-pressure services — water injection, secondary recovery and well dewatering — two product groups are typically required: wellhead / tree valves that control flow at the well, and the manifold accessories that route it to site installations.



Wellhead Systems



Gate Valves (Tree)



Manifold Blocks



Union Connections

Manifold blocks, unions and rigid hose sections are supplied in matched pressure ratings so connections between wellhead, pump trucks and site piping remain fully rated end to end.

METALLIC PIPING SYSTEMS · STAINLESS STEEL · CARBON STEEL · DUCTILE IRON · GALVANIZED STEEL · EXOTIC ALLOYS

STAINLESS STEEL — for corrosive, low-temperature and sanitary services

Corrosion resistance makes stainless steel a common choice for piping applications across process plants, reagent handling, and sanitary or food-grade services.

INDUSTRIAL STANDARDS

ASTM A312, A358, A249/269, A403, A182 | ASME B16.5, A554, ANSI B16.11, ISO 4144



Pipe



Fittings



Flanges



Sanitary Pipe



Clamp Fittings



Diaphragm Valves

SANITARY STANDARDS

ASTM A270, 3A, DIN 11850/11851, ISO 2853, SMS-1145, AS1528, ASME-BPE

Every alloy grade is selected against the process fluid, temperature and pressure profile of each mine site — from reagent lines to potable water networks.

CARBON STEEL — for pressure & temperature services

Utilized to carry gases, vapors and high-temperature mixtures throughout process and plant piping. Standards: ASTM A53, A106, A234, A860; ASME B31.1/B31.3/B16.5; API 5L/6A.



Pipe



Flanges



Fittings



Threaded Fittings

DUCTILE IRON — for conveyance of fluids and solid particles

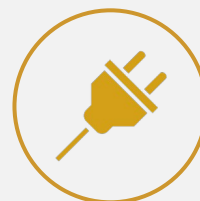
Used to convey water, sewage, and other liquid or solid materials from source to distribution point across the mine site. Standards: AWWA C200, ANSI/AWWA C153/C111, ISO 2531, EN 545 / EN 598.



Pipe



Repair Clamps



Restraints



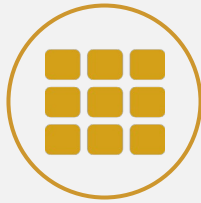
Couplings

GEOSYNTHETICS & GEOTEXTILES

Low-permeability synthetic membranes and liners used to control fluid or gas migration in tailings storage facilities, heap-leach pads, ponds and containment structures across mining operations.



Geomembranes



Geotextiles



Geogrids



Erosion Control

Applications: tailings storage facilities · heap leach pads · process water ponds · waste containment · erosion control · landscape and site works.



HDPE

High-density polyethylene pipe for fluid and gas transfer, widely used to replace aging concrete or steel mains. Its impermeability and strong molecular bond make it a reliable choice for high-pressure pipelines, tailings and process-water lines across mining operations.

Nominal diameters: 16 to 2000 mm ($\frac{1}{2}$ " to 78") | SDR 41 (S20) to SDR 7.4 (S3.2) | Pressure: up to 25 bar (PN25) | Standards: ISO 4427, ASTM F714, AWWA C901/C906



PVDF

A highly non-reactive fluoropolymer used where the highest purity and resistance to solvents, acids and hydrocarbons is required. Lower density than PTFE while retaining excellent chemical resistance for reagent and process lines.

Nominal diameters: d20 – d315 mm ($\frac{1}{2}$ " – 12") | Temperature: -40°C to 150°C | Pressure: PN16 (d20–d110) / PN10 (d160–d315) | Standards: ASTM D4101, ISO 10931



PVC / CPVC

Valued for versatility, cost efficiency, ease of installation and corrosion resistance. CPVC extends the working temperature range beyond standard PVC, making it suitable for chemical and higher-temperature process lines.

Nominal diameters: 1/4" to 24" | Schedule 40 & 80 | Temperature: up to 140°F (PVC) / 200°F (CPVC) | Standards: ASTM F439/F441, ASTM D2846, ASTM D1784



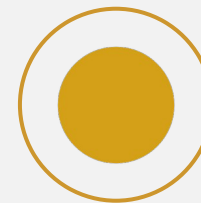
FRP / GRP

Fiberglass-reinforced and reinforced plastic mortar pipe used across water management, tailings, and process fluid lines. Low weight combined with high fatigue, impact and compression resistance.

Nominal diameters: DN25 – 4000 mm | Lengths: 1, 3, 6, 12 m | Pressure: 0.1 – 2.5 MPa | Standards: ASTM D2996, AWWA C950/M45, ASME B31.1/B31.3

GROOVED COUPLING SYSTEMS · COUPLINGS · MECHANICAL-JOINT FITTINGS · RUBBER-LINED FITTINGS · FIRE PROTECTION

Grooved-end piping systems reduce installation time versus welding or flanging, while allowing controlled flexibility across pump stations, pipe racks and fire-protection loops throughout the site.

**Rigid Couplings****Flexible Couplings****Grooved Butterfly Valves****Grooved Ball Valves****Rubber-Lined Fittings****Grooved Strainers****Flexible Drops****Reducing Couplings**

INSTRUMENTATION & CONTROL SOLUTIONS

Measurement and control equipment that gives site operations visibility and safety across process lines — from flow accounting to gas monitoring and centralized automation.



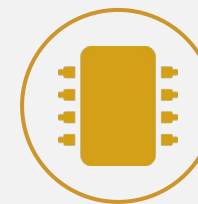
Flowmeters

Volumetric and mass flow measurement across water, reagent and process lines.



Gas Detection

Fixed and portable sensors for combustible and toxic gas monitoring.



PLC & Automation Panels

Centralized control panels integrating field instrumentation across the site.

Specified and configured to match each site's process control architecture and safety requirements.

DRILLING & TUBULAR GOODS · DRILL PIPE · CASING · TUBING · ACCESSORIES

DRILLING & TUBULAR GOODS

A family of seamless rolled products — drill pipe, casing and tubing — engineered for exploration and dewatering wells across mine sites, each subject to specific torque, tension and pressure loading conditions.



Drill Pipe

Rotates the drill bit and circulates drilling fluid under high torque and axial tension.



Casing

Lines the borehole; resists axial tension, internal pressure and surrounding rock pressure.



Tubing

Transports fluid from the wellbore, threaded connections at each segment end.

STANDARD GRADES: H-40 · J-55 · K-55 · N-80 · L-80 · C-90 · T-95 · P-110 · Q-125

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CASING ACCESSORIES & PIPE LINE SPECIFICATIONS



Centralizers



Float Collars



Casing Baskets

Type of Pipe	Size Range (NPC)	Size Range (in)	Wall Thickness (in)	Max Length (ft)
Seamless	1.5 - 24	1.900 - 24.000 OD	0.140 - 2.312	48
Electric Resistance Weld	2 - 16	2.375 - 16.000 OD	0.154 - 0.625	48