



maxepoxy
PROTECTION & REPAIR TECHNOLOGY

Smart protection for pipelines
that move the world

Pipelines

www.maxepoxy.com

High-performance polymer solutions for repair, protection, and coating of industrial pipelines exposed to corrosion, abrasion, and wear.

Pipeline integrity starts with choosing the right polymer.

In large industries, pipelines face extreme conditions every day — pressure, temperature, humidity, corrosion, and abrasion — demanding high-performance materials. Maxepoxy develops repair and coating systems using advanced epoxy resin and reinforced polymer technology, ensuring superior durability, safety, and performance.

Preventive maintenance and specialized repairs are essential to guarantee continuous and safe operation, while regular inspections and high-resistance materials reduce unplanned downtime and extend equipment lifespan.

Our product line is designed to perform at every stage of a pipeline's lifecycle — from thickness recovery to complete protection against leaks and corrosion.

Who we are

MaxEpoxy is a global company whose products and services are meticulously engineered to not only meet but exceed the demands of the harshest industrial environments. With an unwavering commitment to quality, the company offer unparalleled resistance to a multitude of challenges including abrasion, erosion, corrosion, and chemical attack.



Pipeline degradation is one of the greatest operational risks in industrial plants

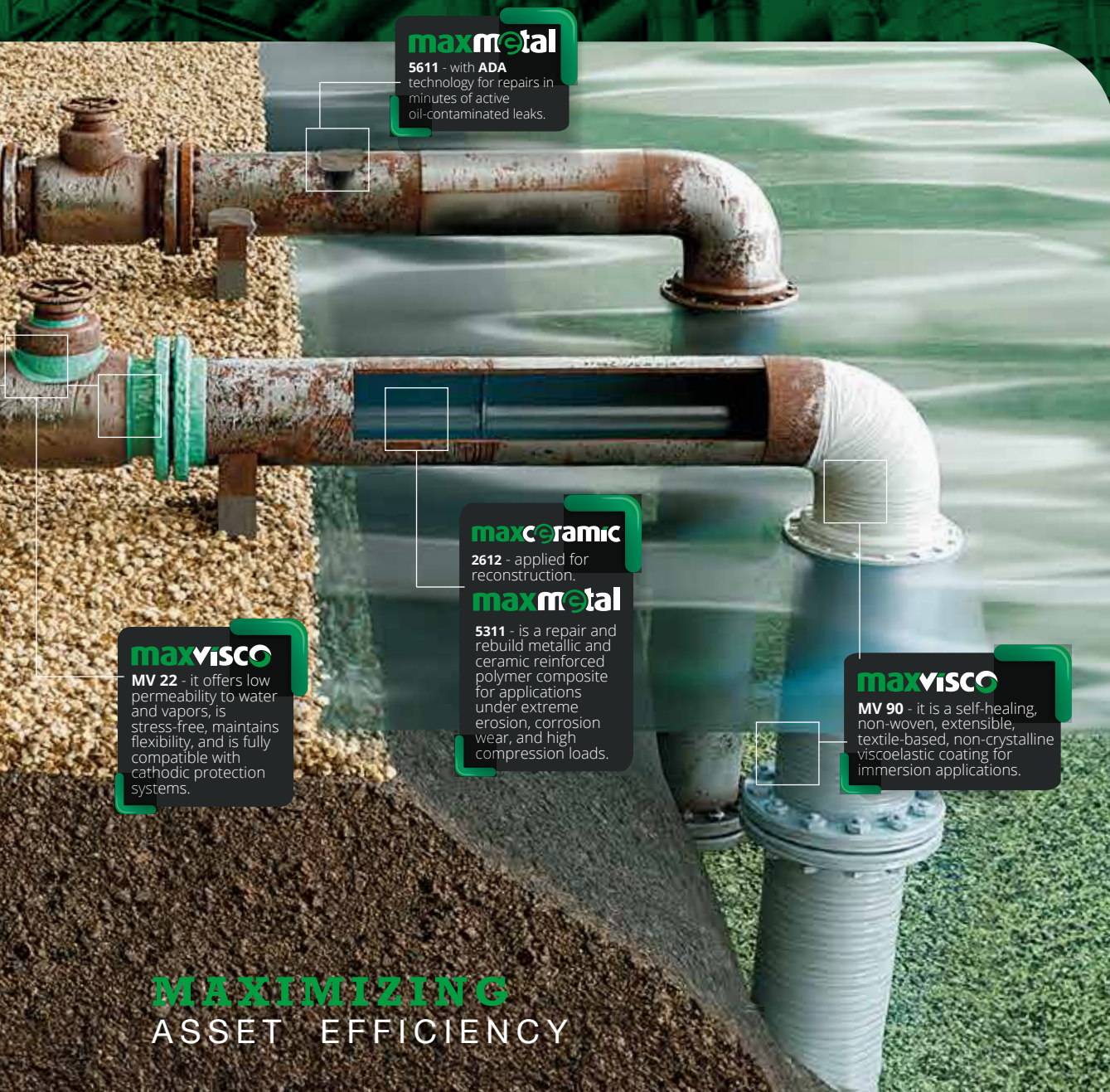
Most common causes:

- Galvanic and chemical corrosion
- Erosion and abrasive wear
- Wall thinning and microcracks
- Leaks in joints and connections

Consequences:

- Unplanned shutdowns
- Environmental leaks
- Financial losses and safety risks

Maxepoxy solutions are designed to neutralize each of these factors and extend the service life of piping systems.



maxmetal

5611 - with ADA technology for repairs in minutes of active oil-contaminated leaks.

maxceramic

2612 - applied for reconstruction.

maxmetal

5311 - is a repair and rebuild metallic and ceramic reinforced polymer composite for applications under extreme erosion, corrosion wear, and high compression loads.

maxvisco

MV 22 - it offers low permeability to water and vapors, is stress-free, maintains flexibility, and is fully compatible with cathodic protection systems.

maxvisco

MV 90 - it is a self-healing, non-woven, extensible, textile-based, non-crystalline viscoelastic coating for immersion applications.

MAXIMIZING
ASSET EFFICIENCY

Maxepoxy solutions applied at every stage of the pipeline.

Each Maxepoxy product is developed for a specific need — from surface preparation to structural reinforcement with the application of epoxy resin combined with polymers suitable for each requirement.

Applications illustrated in the image:

- **MAXPRIMER:** adhesion and preparation of metallic surfaces.
- **MAXCOMP:** repair systems for pressurized pipes and equipment.
- **MAXCERAMIC:** ceramic-reinforced polymers with high abrasion and impact resistance.
- **MAXMETAL:** metallic reinforcement for high-compression areas.
- **MAXVISCO:** multipurpose sealing tapes for anticorrosive protection.

maxprimer

8242 - was designed with low-viscosity modified epoxy resin and a balanced ratio of specific hardeners to guarantee a uniform and smooth surface.

maxceramic

2612 - it is designed with a medium-viscosity epoxy resin and fine ceramic fillers, making it ideal for increasing flow and reducing friction and wear due to turbulence.

maxvisco

MV 12 - is a non-crystalline viscoelastic polymer for corrosion prevention and sealing your underground applications at high temperatures.

maxcomp

8242 - is a non-crystalline viscoelastic polymer for corrosion prevention and sealing in underground applications at high temperatures with extreme adhesion.

Why choose Maxepoxy technology?

Quick application

Reduces production downtime and operational costs, because Maxepoxy systems are 100% solids, fast-curing, and surface-tolerant, allowing application with minimal surface preparation and rapid return to service — even on in-service assets.

High adhesion

Reliable bonding on metals, composites, and in-service pipelines achieved through advanced polymer chemistry and Active Direct Adhesion (ADA) mechanisms, enabling strong mechanical and chemical anchoring even on marginally prepared or contaminated substrates.

Extreme resistance

Long-term protection against corrosion, impact, abrasion, and chemical attack resulting from reinforced epoxy matrices and engineered fillers designed to withstand aggressive mechanical loads, abrasive media, and harsh industrial chemicals in severe service environments.

Full compatibility

Suitable for gas, oil, water, mining slurries, and offshore pipelines because Maxepoxy formulations are chemically stable, pressure-tolerant, and adaptable to diverse operating conditions, including buried, submerged, and high-humidity environments.

Sustainability

Extends asset lifespan and reduces replacement needs by enabling in-situ repair and rehabilitation, Maxepoxy minimizes material waste, shutdowns, and carbon footprint associated with asset replacement.

Proven technology

Validated in demanding industrial applications worldwide with a track record across mining, oil & gas, energy, and water treatment sectors, supported by field performance, testing data, and long-term operational references.

At **MAXEPOXY**, we understand that exceptional products are only part of the equation. That's why we've established a global network of highly **trained local distributors**, ready to offer the best customer service in the industry. We believe in building **strong relationships** with our customers, offering **personalized assistance** and guidance at every stage of the process.



MAXIMIZING ASSET EFFICIENCY

Some solutions for piping applications:

MAXMETAL 5611

Is a dual-component polymer composite coating developed with the highest mechanical performance requirements, including extreme compression, corrosion, and abrasion environments. Its exclusive **ADA – Active Direct Adhesion** technology guarantees excellent adhesion to oil-contaminated surfaces.

MAXMETAL 5361

It is a high-performance polymer developed for emergency and permanent repairs, even in extreme conditions. Its exclusive **ADA – Active Direct Adhesion** technology guarantees excellent adhesion to wet, oil-contaminated, or even submerged surfaces.

MAXMETAL 2332

Is an engineered sprayable dual-component, low-viscosity, ceramic-reinforced liquid polymer composite for your applications under extreme sliding abrasion wear, corrosion, erosion, and chemical attack in dry and immersion environments.

MAXCOMP 9182

Is an engineered composite repair and structural reinforcement system that complies with ASME PCC-2 and ISO 24817 standards for your applications on pressurized equipment and pipes with temperatures up to 130°C (266°F). The numerous technical certifications and ABS Type Approval of MAX9182 prove that it is subject to rigorous quality control.

MAXVISCO MV12

It is a high-performance viscoelastic polymer for sealing and corrosion protection of buried pipelines at temperatures up to 95 °C. Its non-crystalline and stress-free formula allows direct application to ferrous and non-ferrous surfaces, ensuring flexibility and maximum adhesion. With low permeability to water and gases.

MAXVISCO MV22

It is a moldable viscoelastic polymer, developed to seal gaps and gaps in flanges, valves, and other critical points prone to the accumulation of moisture and contaminants, as well as to mold and smooth irregular and non-uniform surfaces. Its action prevents the entry of corrosive contaminants and ensures a surface with a uniform finish.

MAXVISCO MV90

Is a stretchable, non-woven, fabric-backed, non-crystalline self-healing viscoelastic coating for immersion applications. This stretchable viscoelastic coating is the primary layer of maxvisco's two-layer corrosion prevention system and can be applied on condensing or submerged ferrous and non-ferrous surfaces without the need to dry the surface.

MAXCERAMIC 2612

Is a high-density cross linked ceramic reinforced dual component liquid polymer composite, sprayable and easy to use for severe wear and chemical attack in dry and immersion applications.

MAXCERAMIC 1511

Is an engineered dual-component ceramic reinforced polymer composite specifically designed to repair and rebuild components exposed to moderate abrasion, severe corrosion, erosion, and chemical attacks.

MAXCERAMIC 1552

Is a 100% solids ceramic reinforced liquid polymer composite designed for applications under severe corrosion, erosion, chemical attack, and fine particle abrasion. It is formulated with fine ceramic fillers to provide a smooth, polished finish with high impermeability and abrasion resistance.



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