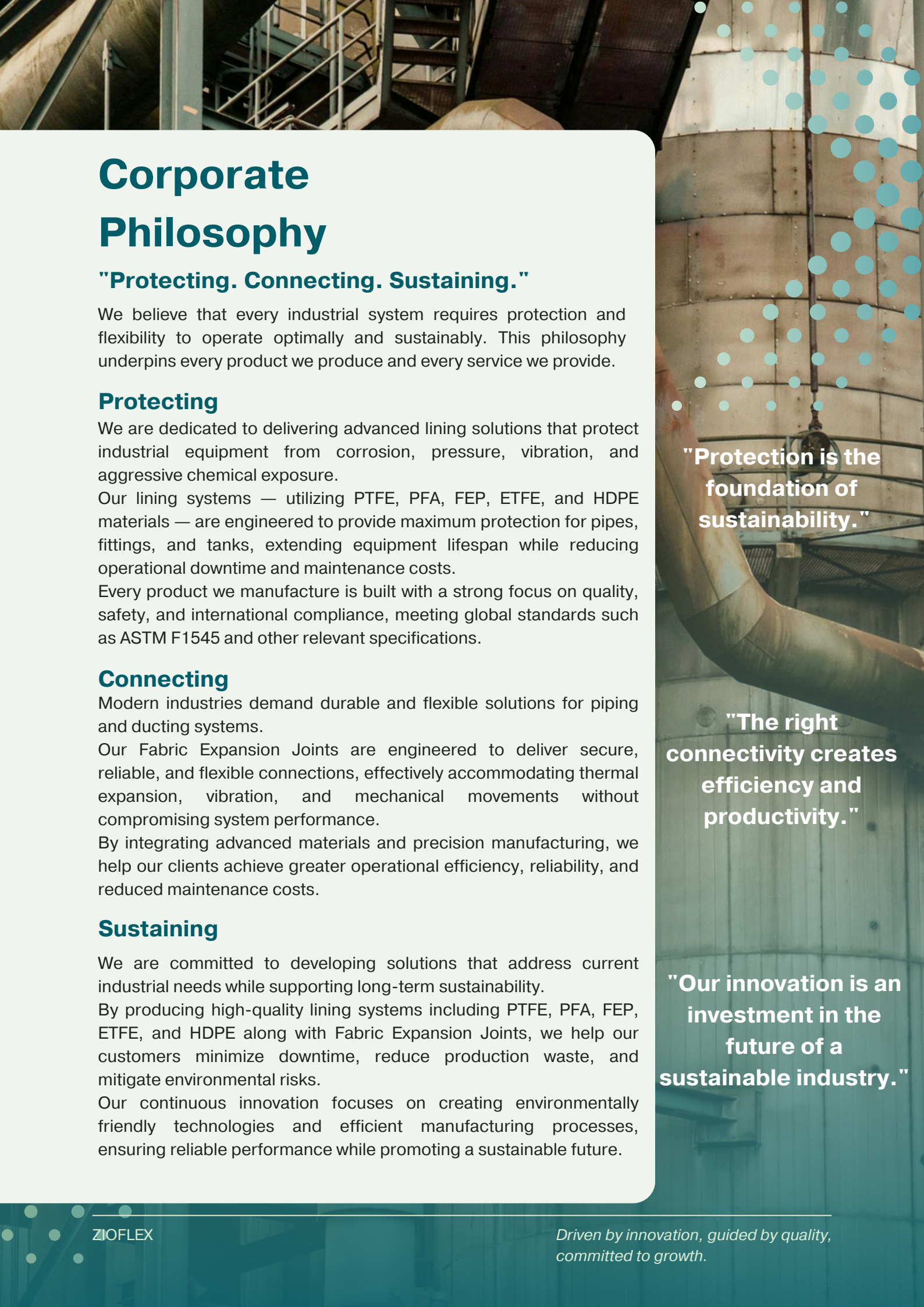


MANUFACTURE

"Engineering Durability. Delivering Trust."





Corporate Philosophy

"Protecting. Connecting. Sustaining."

We believe that every industrial system requires protection and flexibility to operate optimally and sustainably. This philosophy underpins every product we produce and every service we provide.

Protecting

We are dedicated to delivering advanced lining solutions that protect industrial equipment from corrosion, pressure, vibration, and aggressive chemical exposure.

Our lining systems — utilizing PTFE, PFA, FEP, ETFE, and HDPE materials — are engineered to provide maximum protection for pipes, fittings, and tanks, extending equipment lifespan while reducing operational downtime and maintenance costs.

Every product we manufacture is built with a strong focus on quality, safety, and international compliance, meeting global standards such as ASTM F1545 and other relevant specifications.

Connecting

Modern industries demand durable and flexible solutions for piping and ducting systems.

Our Fabric Expansion Joints are engineered to deliver secure, reliable, and flexible connections, effectively accommodating thermal expansion, vibration, and mechanical movements without compromising system performance.

By integrating advanced materials and precision manufacturing, we help our clients achieve greater operational efficiency, reliability, and reduced maintenance costs.

Sustaining

We are committed to developing solutions that address current industrial needs while supporting long-term sustainability.

By producing high-quality lining systems including PTFE, PFA, FEP, ETFE, and HDPE along with Fabric Expansion Joints, we help our customers minimize downtime, reduce production waste, and mitigate environmental risks.

Our continuous innovation focuses on creating environmentally friendly technologies and efficient manufacturing processes, ensuring reliable performance while promoting a sustainable future.

**"Protection is the
foundation of
sustainability."**

**"The right
connectivity creates
efficiency and
productivity."**

**"Our innovation is an
investment in the
future of a
sustainable industry."**

BRAND CONCEPT

Brand Vision

"To become a leading brand in industrial protection through innovative and high-quality lining systems and Fabric Expansion Joints that meet international standards."

Brand Promise

"Providing optimal protection and reliable connectivity for the sustainability of your industrial operations."

Brand Value

- Integrity "Committed to providing transparent products that meet international quality standards."
- Innovation "Continue to develop lined technology and expansion joint manufacturing to meet the ever-growing needs of the industry."
- Reliability "Providing consistent, safe, and proven products to withstand the most extreme operational conditions."
- Sustainability "Creating solutions that are not only efficient but also environmentally friendly, supporting the long-term sustainability of the industry."
- Customer-Centric "Focus on the right solution and the best service for every client."

Brand Personality

- Professional & Reliable – "Perform as a trusted and experienced industrial partner."
- Technological & Innovative – "Always up to date with modern manufacturing technology."
- Solution-Oriented & Proactive – "Providing solutions, not just products."
- Strong & Robust – "Durable products capable of withstanding extreme industrial conditions."
- Friendly & Responsive – "Easy to contact and quick to respond to customer needs."

"Protecting Your System, Sustaining Your Future."



Ir. Cecep Jarkasih.,ST
Chief Executive Officer (CEO)

Fundamental philosophy and Management policies

PT. Zioflex Mandiri Indonesia is committed to being a trusted partner in providing industrial protection solutions through high-quality coatings and Expansion Joint Fabric products that meet international standards. By upholding uncompromising quality, continuous innovation, and professionalism, we ensure that every product we produce can provide optimal protection, efficiency, and sustainability for our customers. In carrying out our operations, we adhere to the principles of occupational safety (K3), care for the environment, and focus on responsive and solution-oriented customer service. Through an integrated management policy, Zioflex continues to develop technology and competencies, creating reliable and innovative products to support the sustainability of the industry in the future.

"We believe that industrial system protection is an investment in the future. With technology, integrity, and dedication, Zioflex is here to provide durable, high-value solutions."

Core Competence

Expertise in Lining Technology

Mastery of lined techniques for pipes, fittings and tanks according to international standards such as ASTM F1545, ensures optimal protection against corrosion and aggressive chemicals.

Design and Production of Expansion Joint Fabric

The ability to design and manufacture expansion joints made of flexible, heat-resistant fabric, and capable of dampening vibrations and thermal movements in industrial piping and ducting systems.

Quality Assurance & Testing

Implementation of strict quality control processes with tests such as Hydrotest and Spark Test to ensure product reliability and safety.

Customization According to Customer Needs

Capable of providing design solutions and product specifications tailored to the specific needs of customer industries.

Innovation & Sustainable Development

Focus on research and development to improve technology, materials, and production process efficiency to stay one step ahead in meeting industry demands.

Professional Team & Responsive Service

Supported by experienced experts and a responsive service team, ready to provide the best technical solutions and after-sales support.



Business Field

PT. Zioflex Mandiri Indonesia manufactures industrial equipment protection products, specifically PTFE, FEP, ETFE, PFA, HDPE lined, and expansion joint fabrics.

We provide protection solutions against corrosion, aggressive chemicals, pressure, thermal movement, and vibration in industrial piping systems, tanks, and ducts.

Our business areas include:

- Manufacturing of PTFE, PFA, FEP, ETFE, HDPE Lining – lining for pipes, fittings, and tanks to extend the service life and improve the reliability of industrial equipment.
- Fabric Expansion Joint Production – Manufacturing of flexible fabric expansion joints designed to overcome thermal movement and vibration in piping and ducting systems
- Custom Engineering Solutions – Providing product designs and specifications according to customer specific needs.
- Quality Control & Testing Services – Product testing with Hydrotest, Spark Test, and other standards to ensure quality and safety.

With the support of modern technology and a professional team, we are ready to be a trusted partner for the chemical, petrochemical, oil & gas, power generation, and various other industrial sectors.

Product Lineup

PT. Zioflex Mandiri Indonesia manufactures and supplies a range of products designed to provide maximum protection and reliability for industrial systems. Each product is manufactured to international quality standards, ensuring optimal performance and a long service life.

Lining (PTFE, PFA, ETFE, HDPE)

Solutions for protection against corrosion, aggressive chemicals and contamination, according to ASTM F1545 standards.



Pipe Lining

PTFE, PFA, FEP, ETFE, HDPE Lined Solutions for protection against corrosion, aggressive chemicals and contamination, according to ASTM F1545 standards.



Fitting Lining

PTFE, PFA, FEP, ETFE, HDPE lined on elbows, tees, reducers and other fittings to maintain the durability of the connection and the pipe protection area.



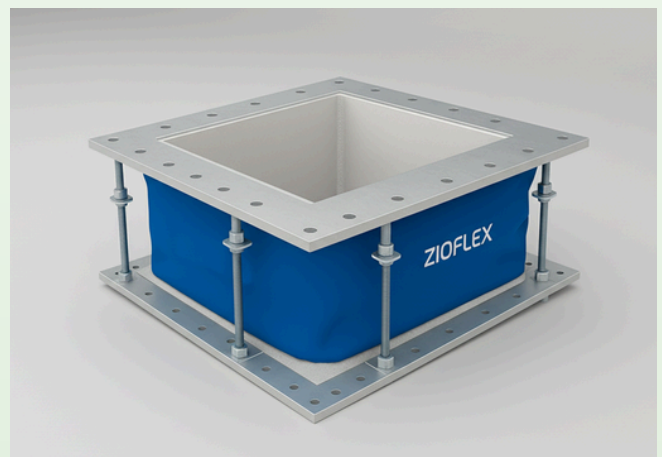
PTFE Lined Tank

Protection of storage tanks from aggressive chemicals to extend service life and maintain operational safety.

Expansion Joint Fabric

Expansion joint products made of flexible and heat-resistant fabric, designed to handle thermal movement, vibration, and pressure compensation in piping and ducting systems.

- High temperature resistant, suitable for power generation and exhaust gas systems.
- Chemical-Resistant Fabric Expansion Joint "Designed for environments with exposure to corrosive chemicals."
- Custom design solutions tailored to customer needs and technical specifications.



Custom Engineering & Services

In addition to our main products, we also provide services to support customer needs, including:

- Custom Design & Fabrication – Designing and manufacturing products according to specific customer requirements.
- Quality Control & Testing – Testing such as hydrotests and splash tests to ensure product quality and reliability.

Research and Development (R&D)

The Research and Development (R&D) Division at PT. Zioflex Mandiri Indonesia is an innovation hub that drives the development of technology, design, and materials for PTFE, PFA, ETFE, FEP, HDPE Lining and Expansion Joint Fabric products. Our primary focus is on creating excellence not found elsewhere, with the goal of delivering innovative, efficient, and high-value industrial solutions.



Custom Engineering & Services

We implement a structured R&D system that combines modern technology, technical experience, and customer feedback. This process includes:

- Analysis of industry needs and the latest technology trends.
- Design development that prioritizes reliability, durability, and efficiency.
- Material and product testing to international standards such as ASTM F1545.
- Continuous evaluation and improvement to ensure consistent quality.
- With this system, we ensure every Zioflex product is highly competitive and ready to face the challenges of modern industry.

Creating Customer Value

We believe that a company's success lies in the value it delivers to its customers. Through R&D innovation, we create added value through:

- Maximum protection for industrial equipment from corrosion, aggressive chemicals, and vibration.
- Operational efficiency with products that reduce downtime and maintenance costs.
- Custom designs tailored to specific customer needs to ensure precise and effective solutions.
- Environmentally friendly products that support long-term industrial sustainability.



“The value we create is solutions that help customers achieve productivity and sustainability.”



Customer Value Proposals

We present clear customer value proposals, guaranteeing that each of our products and services brings real benefits, namely:

- **Uncompromising Quality** – Products that meet international standards and are rigorously tested.
- **Innovative Excellence** – Design and technology that deliver superior performance compared to similar products on the market.
- **Professional Technical Support** – Responsive and solution-oriented consulting and after-sales services.
- **Long-Term Partnerships** – Focus on mutual growth with customers and business partners.

With this integrated R&D strategy, PT. Zioflex Mandiri Indonesia not only manufactures products, but also creates industrial solutions that provide added value, while strengthening our position as an innovation leader in industrial system protection.

Quality and product safety

At PT. Zioflex Mandiri Indonesia, product quality and safety are the foundation of every production activity. With a focus on Fluoroplastic Coatings and Expansion Joint Fabrics, we are committed to providing reliable, safe, and internationally recognized products, supporting industries requiring high corrosion protection, flexibility, and durability.

Our products are widely used in the oil and gas, petrochemical, power generation, and chemical processing industries, where quality and safety are paramount. Therefore, every part of our production process is designed with strict quality controls and clear technical standards to ensure long-term reliability and safety.

Commitment to Quality

Total Quality Management (TQM) Approach

We apply a Total Quality Management (TQM) system to ensure every product meets the highest quality, safety, and reliability standards through the following principles:

1. Compliance with International Standards

All production processes follow strict global standards:

- ASTM F1545 for PTFE and other fluoroplastic linings.
- International standards for Fabric Expansion Joints, covering heat, chemical, and pressure resistance.

2. Premium Materials

- Lining systems use PTFE, PFA, FEP, ETFE, and HDPE, providing superior resistance to corrosion and aggressive chemicals.
- Fabric Expansion Joints are made from technical fabrics with specialized coatings tested for extreme temperature and chemical durability.

3. Advanced Technology & Continuous Improvement

Using modern equipment to achieve precision, strong adhesion, and flexible structures, while continuously improving product quality, efficiency, and sustainability.

Product Safety

At Zioflex, all products are designed and manufactured with a strong focus on safety, quality, and reliability. Our commitment is realized through the following measures:

1. Precision Product Design

- Lining Systems are developed in compliance with ASTM F1545 and other international standards, ensuring superior resistance to aggressive chemicals, high pressure, and extreme conditions.

- Fabric Expansion Joints are engineered for maximum flexibility, effectively absorbing vibration, thermal movement, and mechanical stress without compromising strength.

2. Controlled Production Process

Every production stage is handled by trained personnel, under the direct supervision of the Quality Control team, ensuring consistent quality and safety.

3. Traceability System

Each product is assigned a unique identification code that records its raw materials, production process, and test results for full traceability.

4. Certification and Documentation

Upon request, we provide complete documents, including:

- Material Test Certificates (MTCs)
- Test reports
- Quality compliance certificates

Quality Control (QC) System

PT. Zioflex Mandiri Indonesia applies a multi-level quality control (QC) system to ensure every product meets international standards and customer specifications.

Our QC process consists of the following stages:

1. Incoming Inspection

Thorough inspection of raw materials — including PTFE, PFA, FEP, ETFE, HDPE, and technical fabrics — before entering production to ensure material quality and compliance.

2. In-Process Inspection

Strict monitoring during the lining process and expansion joint fabrication to maintain consistency and meet required specifications.

3. Final Inspection & Testing

Comprehensive testing before shipment to guarantee product reliability and performance, including:

- Hydrotesting – Verifying strength and pressure resistance of lining systems.
- Spark Testing – Checking the integrity and uniformity of the lining.
- Dimensional Checking – Ensuring precise measurements and accuracy.
- Flexibility Testing – For Fabric Expansion Joints, ensuring elasticity and durability under thermal movement and vibration.

Product Quality and Safety Objectives

By implementing strict quality standards and comprehensive oversight, PT. Zioflex Mandiri Indonesia is committed to:

Providing reliable and safe products for various industrial sectors.

To be a trusted partner in anti-corrosion solutions and piping flexibility systems.

Ensuring customer satisfaction through consistent quality and professional service.

Contributing to industrial sustainability with durable and efficient products.

Commitment to Global Market Challenges



Amidst the dynamic and challenging global market growth, PT. Zioflex Mandiri Indonesia remains committed to continuous growth and adaptation. We understand that rapid industrial change demands innovation, timeliness, and international quality standards in every product we produce.

With a spirit of innovation and high dedication, we are ready to face the challenges of the ever-evolving global market and become a trusted partner in building a more sustainable industrial future.

Standards and Certification

ASTM International (American Society for Testing and Materials)

- ASTM F1545: Regulates thermoplastic coatings (including PTFE) on corrosive equipment, focusing on chemical resistance, adhesion quality, and coating thickness.
- ASTM D1457: Specifies the specifications for PTFE resins used as coating raw materials, ensuring the quality of the raw materials to be applied.

American Petroleum Institute (API)

- API 650: Welded flat-bottomed cylindrical storage tank

DIN (Deutsches Institut für Normung) And EN (Europäische Norm)

- DIN EN 14879-4: European Standard for organic coatings and coating systems for protecting industrial equipment against corrosion due to aggressive media, with part 4 specifically focusing on coatings on metal components

ISO (International Organization for Standardization)

- Certificate ISO 9001:2015
- Certificate ISO 14001:2015

Company legality

Company deed number : 5

Decree Number/Authorization of Establishment of the Company: AHU-0062421.AH.01.01.TAHUN 2025

Business Identification Number:3107250057843

Tax Identification Number (NPWP): 1000 0000 0452 7434



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