



**PHARMAGLASS
INDONESIA**

Company Profile and Capability Report

Scalable primary glass packaging manufacturing for pharmaceuticals, beverages, and cosmetics

INDONESIA | ISO 9001 | 45001 | 14001 | HALAL | SEDEX SMETA | UNILEVER URSA AUDITED

10-15 Million units/month capacity

INTRODUCTION

Precision Glass Packaging, Proven by Science

Pharmaglass is a strategic glass packaging partner for regulated industries that require product safety, chemical stability, quality documentation, reliable production, and technical support.

"From glass formulation to finished container testing, Pharmaglass supports regulated products with vertically integrated manufacturing and science-led quality assurance."

Vertically Integrated

Raw material through finished goods — one facility, complete traceability.

Science-Led QA

ISO/IEC 17025 accredited lab with pharmacopeial testing capability.

Regulatory Ready

ISO 15378, cGMP, BPOM, Halal — documentation support for regulated supply chains.



Key Performance Indicators

PT. Pharmaglass Indo Kemas · Established 2009 · Serang, Banten, Indonesia

10+

Years of Experience

Continuous investment in glass science, furnace technology, and quality systems.

30+

Companies Served

Pharmaceutical manufacturers, FMCG companies, and premium brands across Indonesia and Southeast Asia.

500+

Active SKUs

Comprehensive catalog across pharmaceutical, food, essential oil, and cosmetic categories.

500+

Custom Molds Produced

In-house mold engineering for brand-exclusive glass container designs.

150M+

Containers/Year

High-volume annual glass container production capacity across multiple furnaces and forming lines.

1

Business Day Response

Technical team responds within 1 business day to inquiries and specification reviews.

What Pharmaglass Manufactures

Glass packaging solutions for pharmaceutical, food & beverage, essential oil, cosmetic, fragrance, and regulated product applications.



Pharmaceutical Bottles

Syrup, oral liquid, and OTC glass bottles in amber and clear formats.



Dropper Bottles

Ophthalmic, nasal, topical, oral, and essential oil precision dispensing.



Essential Oil Bottles

Amber and cobalt blue with Euro-dropper compatibility, UV-protective glass.



Food Jars & Containers

Sauces, honey, jam, preserved foods, and specialty food ingredients.



Cosmetic Glass Jars

Premium skincare jars with frosted, coated, and luxury finishing options.



Caps & Closures

Child-resistant caps, tamper-evident seals, dropper assemblies, and aluminum roll-on caps.

Portfolio by Application

A structured overview of Pharmaglass product categories, key applications, and primary features for procurement reference.

Product Category	Main Applications	Key Features
Pharmaceutical Bottles	Oral liquids, syrups, dropper preparations, OTC products (15ml–1000ml)	Amber/clear, Type III soda-lime glass, child-resistant and tamper-evident closures
Dropper Bottles	Ophthalmic, nasal, oral, topical preparations, essential oils (5ml–50ml)	Precision dispensing, amber UV protection, compatible with dropper assemblies and pipettes
Essential Oil Bottles	Aromatherapy, fragrance oils, concentrated botanical extracts (5ml–100ml)	Amber and cobalt blue, Euro-dropper orifice reducers, UV-protective glass
Food Jars & Containers	Sauces, honey, jams, preserved foods, specialty ingredients	Wide-mouth and narrow-mouth formats, food-grade safety, Halal certified
Cosmetic Glass Jars	Skincare creams, serums, balms, anti-aging formulations (5g–100g)	Clear, frosted, opal white, custom-coated finishes; luxury brand positioning
Caps & Closures	Pharmaceutical, food, and cosmetic closure systems	Child-resistant caps, tamper-evident seals, dropper assemblies, rubber stoppers

Vertically Integrated Glass Manufacturing

Pharmaglass operates full-scope glass production in a single integrated facility — from raw batch materials through finished and tested goods. This vertical integration delivers superior consistency, complete traceability, and tighter process control versus multi-supplier chains.

01

Raw Material Formulation

Controlled batch composition for consistent glass chemistry and pharmacopeial compliance.

03

Container Forming

Automated IS machines using blow-blow and press-blow forming processes.

05

Surface Treatment & Decoration

Frosting, spray coating, ceramic printing, hot stamping, ACL labeling, and vacuum metallizing.

07

Finished Goods & Logistics

Warehousing, batch documentation, Certificate of Analysis, and distribution management.

02

Glass Melting

Continuous furnace operation, 24/7 production for stable thermal and chemical glass quality.

04

Annealing & Heat Treatment

Controlled stress relief and thermal durability conditioning for container integrity.

06

Quality Testing

In-house ISO/IEC 17025 accredited laboratory with pharmacopeial and physical testing.



Production Facilities & Technical Capabilities

A procurement-ready overview of Pharmaglass manufacturing and quality infrastructure.

Glass Melting Furnaces

Continuous furnace operation with 24/7 production. Consistent melt temperature and glass chemistry maintained across multiple furnace lines.

Precision Forming Lines

Automated IS (Individual Section) machines with blow-blow and press-blow forming. Scalable capacity allocation available for long-term agreements.

Annealing & Heat Treatment

Controlledlehr annealing for internal stress relief, thermal durability conditioning, and surface treatment processing.

Automated Inspection

Optical sensors and high-speed cameras for dimensional accuracy, cosmetic defect detection (bubble, stone, crack), and wall thickness control. 100% inspection on production lines.

ISO/IEC 17025 Testing Lab

Accredited in-house laboratory for hydrolytic resistance, thermal shock, pharmacopeial compliance, and container closure integrity testing.

Decoration & Finishing

Ceramic screen printing, acid frosting, organic spray coating, hot stamping, ACL labeling, embossing/debossing, and vacuum metallizing.

Certified for Regulated Industries

 Pharmaglass's certification portfolio supports supplier qualification, customer audits, regulatory confidence, and risk reduction for regulated product supply chains.

ISO 15378:2017

Primary packaging materials for medicinal products. The gold standard for pharmaceutical packaging, combining GMP requirements with ISO 9001 quality management.

ISO 22000:2018

Food safety management system. Controls food safety hazards throughout the supply chain for glass containers in food and beverage applications.

ISO 9001:2015

Quality management system. Foundation of the quality infrastructure ensuring consistent processes, continuous improvement, and customer-focused operations.

ISO 14001:2015

Environmental management system. Commitment to energy efficiency, waste reduction, cullet recycling, and sustainable manufacturing practices.

cGMP Compliance

Current good manufacturing practice. Production under controlled environments, validated cleaning, documented batch records, and comprehensive change control.

SEDEX SMETA

Four-pillar ethical trade audit verifying labor standards, health & safety, environment, and business ethics for responsible international trade.

Halal Certification

MUI Halal certified. Manufacturing processes and materials certified for Halal pharmaceutical and food product packaging applications.

ISO/IEC 17025:2017

Testing and calibration laboratory competence. In-house laboratory accreditation for technically valid, internationally recognized glass test results.

ISO 45001:2018

Occupational health and safety management system. Systematic hazard identification, risk assessment, and workplace injury prevention.



TESTING LABORATORY

ISO/IEC 17025 Accredited Testing Laboratory

Pharmaglass operates an ISO/IEC 17025:2017 accredited laboratory for pharmaceutical and food-grade glass testing, providing technically valid and internationally recognized test results with every production batch.

- **Hydrolytic Resistance Testing**

Surface glass and powdered glass tests per USP <660> and EP 3.2.1 pharmacopeial monographs.

- **Dimensional Analysis & Wall Thickness**

Calibrated measurement of height, diameter, capacity, and wall uniformity per specification drawings.

- **Internal Pressure & Burst Strength**

Structural integrity testing to validate container performance under process and transport conditions.

- **Thermal Shock Resistance**

Temperature cycling tests to validate container durability through filling, sterilization, and cold chain conditions.

- **Extractables & Leachables Studies**

Chemical migration analysis to confirm inertness and formulation compatibility for regulated products.

- **Heavy Metals & Arsenic Release**

Heavy metals and arsenic testing per pharmacopeial monographs for regulatory submission support.

- **Light Transmission & UV Protection**

Spectrophotometric analysis of UV blocking performance, critical for light-sensitive pharmaceutical and essential oil products.

- **Coating & Decoration Durability**

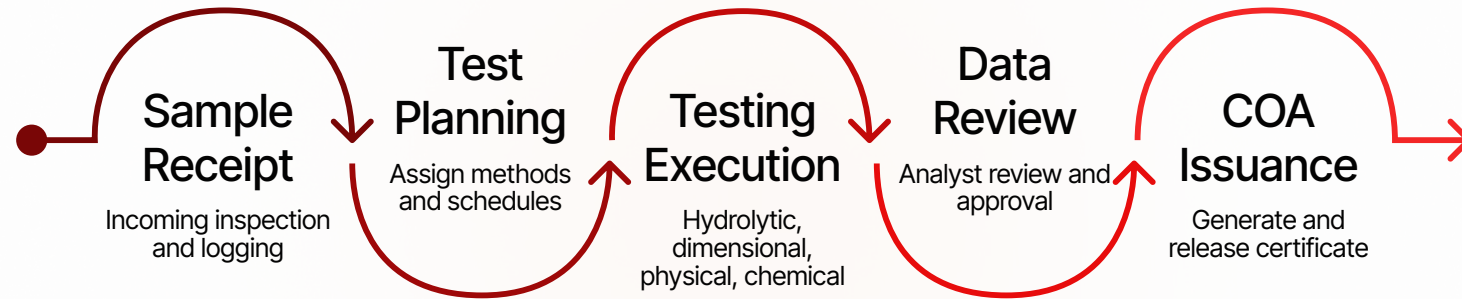
Adhesion testing for organic coatings, ceramic prints, and surface treatments to validate finishing permanence.

- **Container Closure Integrity Testing**

Seal performance validation to confirm product protection throughout the intended shelf life.

Quality Assurance: From Sample to Certificate of Analysis

Pharmaglass operates a documented, audit-ready QA workflow supporting pharmaceutical manufacturers, food & beverage producers, QA teams, and regulatory filing requirements. Calibrated instruments, documented results, and batch-level quality confidence are standard for every order.



Incoming Material Inspection

Raw materials and components are verified against approved specifications before entering production.

In-Process Quality Control

Dimensional and cosmetic checks at defined intervals throughout the forming and decoration process.

Finished Goods Testing

Final batch testing per pharmacopeial and customer specifications prior to release.

Every Batch Includes:

- Certificate of Analysis (CoA)
- Batch production records
- Calibrated instrument traceability
- Test results per USP/EP monographs
- Regulatory documentation support

Custom Mold Development

Pharmaglass offers in-house mold design and engineering for customers requiring brand-exclusive glass container geometries not available in the standard catalog. With 500+ custom molds produced, the team has extensive experience translating brand briefs into validated glass production tooling.

- 1 Concept & Design Brief**
Customer requirements, volume targets, functional specification, and brand objectives defined.
- 2 3D CAD Design & Simulation**
Engineering drawings, 3D CAD modeling, and glass flow analysis to optimize the container geometry.
- 3 Prototype Mold & Samples**
Single-cavity prototype mold produced and physical glass samples submitted for customer review and testing.
- 4 Validation & Testing**
In-house laboratory validation of prototype samples against dimensional, functional, and pharmacopeial requirements.
- 5 Multi-Cavity Production Mold**
Full production tooling fabricated following validated design approval and customer sign-off.
- 6 Production Launch**
First production run with CoA issued. Mold tooling retained on-site for repeat production runs.

3-6

Week Development Cycle

From approved brief to first production run, including mold fabrication and validation. Minimum order quantity to amortize tooling investment for custom mold products.

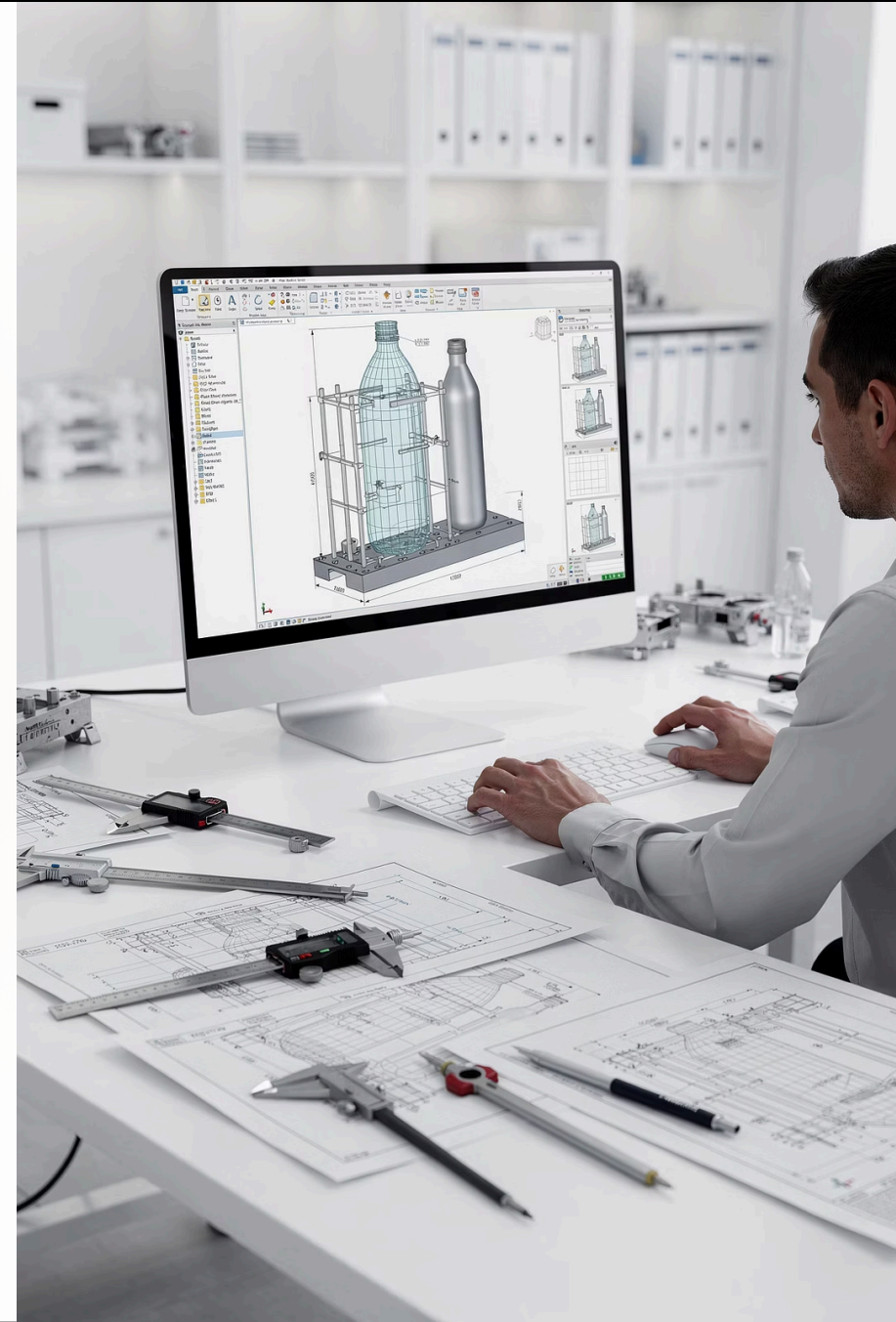
100K+

MOQ (Custom Mold)

500+

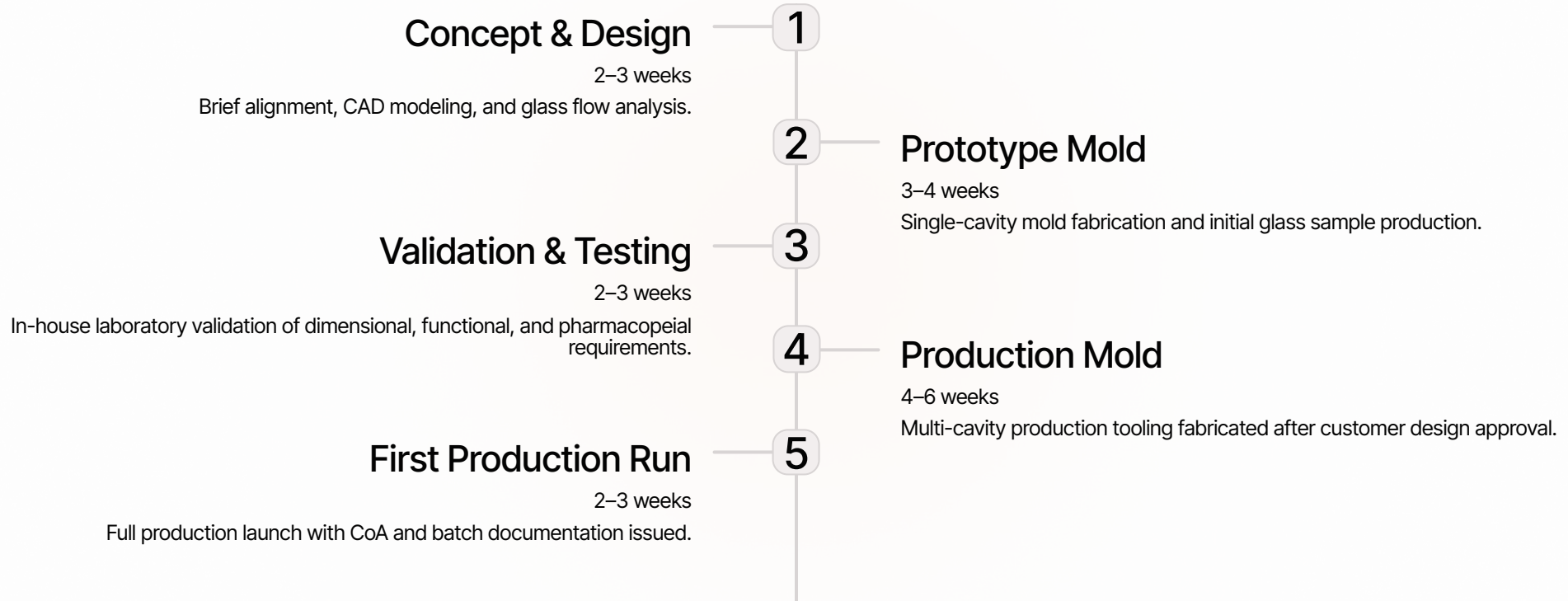
Custom Molds Produced

Accumulated in-house mold engineering experience across all regulated industries.



From Concept to Production

Pharmaglass helps customers reduce packaging development risk by combining engineering support, prototype validation, and in-house laboratory testing before full production commitment.




i Total custom mold development cycle: approximately **4-6 weeks** from approved brief to first production run. Lead times depend on design complexity, revision cycles, and capacity scheduling at time of order.

MOQ, Samples & Lead Times

Pharmaglass supports both standard product supply and custom development projects, with clearly defined MOQ and lead-time expectations for procurement planning.

Requirement	Standard Range	Notes
General MOQ	From 30,000 units	Stock items available from catalog; subject to product type
Standard Production MOQ	From 50,000 units	Custom labeling and decoration can be applied at production MOQ
Custom Mold MOQ	100,000+ units	Required to amortize tooling investment; mold retained on-site
Stock Item Samples	5–10 business days	Physical samples from catalog stock for compatibility testing
Decorated / Custom Samples	2–4 weeks	Sample production with specified decoration or coating
Stock Item Shipment	2–3 weeks	From order confirmation; subject to stock availability
Standard Production Orders	4–6 weeks	From order confirmation including production and quality release
Custom Mold Projects	4–6 weeks	Includes mold fabrication, validation, and first production run

 Technical team responds within **1 business day**. To initiate a discussion, contact marketing@pharmaglass.co.id or visit pharmaglass.co.id/en/contact.

Customer Segments & Applications

Pharmaglass serves regulated and quality-sensitive industries across Indonesia and Southeast Asia with application-appropriate glass packaging, documentation, and technical support.

Pharmaceutical Manufacturers

Syrup bottles, dropper bottles, and regulated primary packaging meeting cGMP, USP/EP, and Indonesian Pharmacopoeia standards. Full batch documentation and CoA provided.

Food & Beverage Manufacturers

ISO 22000 and Halal certified food-grade glass jars, containers, and beverage bottles for sauces, honey, functional beverages, and specialty food products.

Essential Oil & Fragrance Brands

Amber and cobalt blue dropper bottles with Euro-dropper compatibility and UV-blocking glass for aromatherapy, botanical extracts, and fine fragrance products.

Cosmetics & Skincare Brands

Premium glass jars with frosted, coated, and luxury finishing for skincare creams, serums, balms, and high-end personal care formulations.

Contract Manufacturers

Scalable supply with repeatable glass quality, testing documentation, and CoA support for multi-client production environments requiring consistent packaging compliance.

Export Customers

Supply for Southeast Asia, South Asia, and the Middle East with regulatory documentation, customs clearance support, and export packaging specifications.

Four Pillars of the Pharmaglass Partnership

A summary for enterprise procurement, QA, and regulatory teams evaluating Pharmaglass as a strategic glass packaging supplier for regulated industries.

Science

ISO/IEC 17025:2017 accredited in-house laboratory. Pharmacopeial testing per USP <660> and EP 3.2.1. Validated quality methods, calibrated instruments, and batch-level CoA documentation for every shipment.

Compliance

ISO 15378 · ISO 22000 · ISO 9001 · ISO 14001 · ISO 45001 · cGMP · BPOM · MUI Halal · SEDEX SMETA. Comprehensive certification coverage for pharmaceutical, food, cosmetic, and export supply chain qualification.

Scale

Vertically integrated glass manufacturing from raw material formulation through finished goods. High-volume annual glass container capacity. 24/7 continuous production across multiple furnace and forming lines in Serang, Banten.

Partnership

In-house custom mold engineering. 1-business-day technical response. Sampling, validation, and export documentation support. 10+ years serving regulated industries across Indonesia and Southeast Asia.

CONTACT

Discuss Your Glass Packaging Requirements

Invite your procurement, QA, or technical team to connect with Pharmaglass for any of the following:

- **Request Samples**
Stock item samples available within 5–10 business days for compatibility and approval testing.
- **Technical Specification Review**
Share your product brief, formulation requirements, and volume targets for a technical recommendation.
- **Regulatory & QA Documentation**
Request CoA templates, certification copies, and BPOM registration documentation for supplier qualification.
- **Start a Custom Mold Project**
Brief our engineering team on your custom glass container concept to initiate design and timeline planning.
- **Schedule a Plant Visit**
Audit-ready facility in Serang, Banten. Plant tours and technical discussions available by appointment.

Contact Details

 marketing@pharmaglass.co.id
 +62-21-31116119
 www.pharmaglass.co.id

Business Hours: Monday–Friday, 08:00–17:00 WIB

[Request a Consultation](#)

[Email Our Team](#)

Our Locations

Eraprima L19, Jl. Daan Mogot KM 21, Tangerang, Banten 15122
Jl. Modern Industri XXI AM No. 2, Serang, Banten 42186
Semanan Megah Kav.21, Jl. Daan Mogot KM 18, Jakarta 11850

