

Vina Rubber Co., Ltd

<https://vinarubber.com> | rfq@vinarubber.com

DUAL-CORE MANUFACTURING EXCELLENCE

Precision in Micro-Scale. Scalability in Industrial Volume.



Welcome to **Vina Rubber Co., Ltd**, your strategic manufacturing partner where precision engineering meets large-scale production efficiency. We operate on a **Dual-Core Manufacturing** philosophy, specifically designed to support the evolving needs of the global supply chain:



Micro-Precision Expert: In our high-precision core, we specialize in **Micro-Silicone & Rubber Components**. With tolerances that others find impossible, we are the experts in complex geometries and miniature parts for Medical, Electronics, and High-Tech industries.



Industrial Part Specialist (High-Volume Scale): Our second core is built for **Power & Volume**. We provide high-efficiency manufacturing for large-scale industrial rubber parts, ensuring cost-competitive pricing and consistent quality for heavy-duty applications across the Automotive and Construction sectors.

With **In-House Tooling** as our foundation, we bridge the gap between design and mass production, offering a **Zero-Defect Commitment** from Vietnam to the World.

CORE CAPABILITIES

1. Integrated In-House Tooling & Mold Making

Our foundation is built upon our internal CNC machining center. By designing and manufacturing high-precision molds in-house, we ensure 100% design fidelity and enable Rapid Prototyping.

- **The Advantage:** Significant lead-time reduction and optimized tooling costs for components with complex geometries.

2. Core 1: Micro-Precision Expert

We specialize in ultra-small silicone and rubber components where standard tolerances are not enough. Our engineering team excels in handling miniature parts with extreme precision requirements.

- **Expertise:** Specialized in **Platinum Silicone** molding, ultra-tight tolerances ($\pm 0.05\text{mm}$), and flash-free finishing for Medical, Electronics, and High-Tech sectors.

3. Core 2: High-Volume Industrial Scaling

Our facility is engineered for high-capacity production. We utilize advanced compression and injection molding technologies to deliver large-scale parts without compromising on quality.

- **Expertise:** Mass production capabilities, durable material formulations (EPDM, NBR, Viton/FKM), and cost-efficiency for **Industrial Equipment, Home Appliances, and Medical Devices**.

4. High-Strength Rubber-to-Metal Bonding

Achieve maximum structural integrity with our specialized bonding processes. We ensure a superior chemical bond between rubber and various substrates including steel, aluminum, and brass.

- **Applications:** Ideal for automotive bushings, vibration isolators, and high-stress industrial mounts requiring extreme durability.

5. Quality Assurance & Zero-Defect Commitment

Quality is non-negotiable. Every part, from micro-sized to industrial-scale, undergoes rigorous inspection through our ISO 9001:2015 certified process to ensure compliance with global standards (FDA, RoHS, REACH).

- **Our Goal:** Delivering perfection from the first prototype to the millionth part.

OUR JOURNEY (HISTORY)

- **2000 – The Foundation:** Established by a core team of three engineers, focusing on specialized rubber replacement parts.
- **2008 – Industrial Expansion:** Launched a 1,000 sqm (approx. 10,764 sq. ft.) facility in Hanoi, integrating into the domestic industrial supply chain.
- **2013 – Global Reach:** Scaled operations with a 2,000 sqm (approx. 21,528 sq. ft.) factory, marking our official entry into the global supply chain.

- **2020 – Resilience & Continuity:** Successfully navigated the global pandemic by restructuring into three specialized facilities to ensure uninterrupted production for our clients.
 - **2024 – Modernized Infrastructure:** Consolidated into a state-of-the-art 5,000 sqm (approx. 53,800 sq. ft.) manufacturing plant, optimized for high-volume precision production and global export.
-

OUR ADVANTAGES

- 1. Uncompromising Quality Control (ISO 9001:2015)** We implement a multi-stage inspection system using advanced metrology equipment. Every part—from micro-precision to industrial-scale—undergoes rigorous testing to ensure a zero-defect delivery that meets global standards (FDA, RoHS, REACH).
 - 2. Cost-Efficiency through Integrated Production** By combining Vietnam's strategic labor advantages with our **In-House Tooling** and **Dual-Core** manufacturing model, we provide high-quality components at a highly competitive price point. We optimize every step to reduce waste and lower your total cost of ownership.
 - 3. Seamless Global Logistics & Supply Chain** Experience hassle-free international trade. We specialize in door-to-door delivery with real-time tracking to North America, Europe, and Asia. Our location in Vietnam serves as a perfect "China Plus One" strategic manufacturing hub for your global supply chain.
-

PRODUCTION WORKFLOW

- 1. RFQ & Technical Review:** Drawing analysis & specs evaluation (1-2 business days).
 - 2. Quotation:** Competitive pricing proposal (2-3 days).
 - 3. Prototyping:** Single-cavity tooling & design validation (5-15 business days).
 - 4. Full Tooling:** Mold fabrication & Pilot run (20-35 business days).
 - 5. Mass Production:** High-volume manufacturing per schedule.
 - 6. QC & Logistics:** 100% Final inspection & Global delivery (UPS/DHL/FedEx).
-

CONTACT INFORMATION

- **Email:** RFQ@vinarubber.com
- **Phone:** +842466866608
- **Registered office:** No. 6/44 Nui Doi Street, Soc Son, Hanoi, Vietnam.
- **Factory:** Lot CN09-2, Nham Son - Yen Lu Industrial Park, Bac Ninh, Vietnam.
- **Outgoing warehouse:** No. 89 Tay Son Street, Dan Phuong, Hanoi, Vietnam.

PRODUCT GALLERY

1. MICRO-PRECISION COMPONENTS

High-precision silicone parts with ultra-tight tolerances (up to $\pm 0.05\text{mm}$). Engineered for medical, electronics, and high-tech applications.



Ultra-Thin Silicone Membrane



Medical-Grade Gasket Rings



Self-Lube Silicone Diaphragm



Thin Rubber Diaphragm



Micro-Precision Rubber Part



Miniature Silicone Parts

2. INDUSTRIAL RUBBER SOLUTIONS

Heavy-duty rubber parts for automotive, construction, and power sectors. Durable materials designed for extreme environments.



Automotive parts



Rubber hose



Dust cover



Foosball table bumper



Rubber seal



Rubber plug



Rubber O-Rings, seals



Medical O-Rings, gaskets



Micro components



FDA silicone seal



Food-contact materials



Silicone case



Rubber-to-metal bonded



Rubber-to-metal bonded



Rubber-to-metal bonded

MACHINE LIST - MOLD MAKING WORKSHOP

1. FNC156-A30 CNC Milling Machine: 02
2. WMC1000II CNC Milling Machine: 02
3. DNM4500 CNC Milling Machine: 02
4. T4000 Robodrill Machine (CNC): 01
5. T500B Robodrill Machine (CNC): 01
6. CL2000A CNC Lathe Machine: 01
7. GT450 EDM Machine: 02
8. Surface-grinding machine: 01
9. Surface-grinding machine: 01
10. 2032 Drill Machine: 01
11. Drill Machine: 01
12. Milling Machine: 01
13. GSK1 Wire cutting machine: 01
14. GSK2 Wire cutting machine: 01



15. MIG500 Welding Machine: 02

16. MMA200 Welding Machine: 02



MACHINE LIST - RUBBER MOLDING WORKSHOP

1. Vacuum Rubber Molding Machine 300 tons: 08
2. Rubber Molding Machine 300 tons: 02
3. Injection Rubber Molding Machine 200 tons: 04
4. Vacuum Rubber Molding Machine 200 tons: 04
5. Rubber Molding Machine 100 tons: 02
6. Material Rolling Machine 12 inch: 01
7. Material Rolling Machine 8 inch: 01
8. Rubber Material Cutting Machine: 02
9. Optical Measurement Machine: 01
10. Rheometer Testing Machine: 01
11. Rubber Tensile Tester Machine: 01





QUALITY CONTROL LABORATORY



Ready to optimize your supply chain? Contact us for a free DFM (Design for Manufacturing) review within 24 hours