



www.OringMaker.com

PRODUCT CATALOG | 2026 EDITION

CUSTOM RUBBER SEALING PRODUCTS

O-rings, rubber seals, gaskets, diaphragms, cords, profiles and custom molded rubber parts manufactured from drawings, samples or application requirements.

SEND YOUR DRAWING FOR REVIEW

sales@oringmaker.com

WHAT WE MAKE

Drawing-based sealing solutions

A practical starting point for overseas purchasing teams and engineers. Final specifications are confirmed after drawing and working-condition review.



From RFQ review to custom production

Standard sizes, non-standard dimensions and OEM molded rubber parts.

RFQ METHOD

Drawing, sample photo or application details

MATERIALS

NBR, FKM, EPDM, silicone, HNBR, CR, PTFE

PRODUCTION

Standard, non-standard and OEM molded parts

CONTACT

sales@oringmaker.com

A straightforward quotation process

01 Send the RFQ

Drawing or sample photo, quantity, material and application details.

02 Engineering review

Dimensions, compound needs, tooling and production feasibility.

03 Quote & confirmation

Pricing, lead time and technical questions for approval.

FILES ACCEPTED

PDF, DWG, DXF, STEP, STP, JPG and PNG. Website upload limit: 20 MB.

PRODUCTS 01

Rings, gaskets & washers

Dimensions, hardness, color, compound and packaging can be reviewed against your application.



O-Rings

Metric and inch O-rings in standard or non-standard dimensions.

- Multiple compound options
- Static or dynamic review

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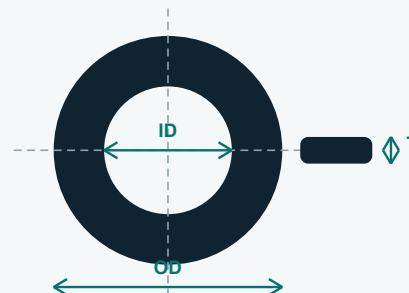


X-Rings / Quad Rings

Alternative cross-sections for projects needing sealing stability or lower friction.

- Custom dimensions by drawing
- Application-specific review

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Gaskets & Washers

Flat, profile, cut or molded components based on drawings or dimensions.

- Custom thickness and shape
- Drawing or sample-photo RFQ

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Available configurations

SIZE

Metric, inch and non-standard dimensions

COMPOUND

NBR, FKM, EPDM, silicone, HNBR and CR

HARDNESS & COLOR

Reviewed against part and application needs

PACKAGING

Bulk, counted or project-specific requests

Dimensions to include

ID

Inside diameter

OD

Outside diameter

CS / T

Cross-section or thickness

TOL.

Critical tolerance

Also send material, hardness, quantity, media, temperature, pressure and assembly notes.

PRODUCTS 02

Molded parts & related seals

For non-standard products, tooling and production feasibility are reviewed before final quotation.



Custom Molded Parts

OEM rubber components that do not fit standard catalog dimensions.

- Seals, bushings, plugs and caps
- Drawing or sample review

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Diaphragms

Flexible diaphragms and membranes for pumps, valves and assemblies.

- Custom edge, thickness and profile
- Flexing and media review

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Seals, Cords & Profiles

Related sealing items and semi-finished materials reviewed by specification.

- Oil seals and dust seals
- Cord and extruded profiles

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Common custom features

GEOMETRY

Edges, lips, grooves, holes and complex profiles

PROCESS

Molded, cut or extruded route reviewed by part

COMPOUND

Selected against media and working conditions

VOLUME

Trial and batch production discussed by project

For a faster feasibility review

1

Part definition

Drawing revision or clear sample photos

2

Performance

Media, temperature, pressure and movement

3

Commercial

Quantity, annual volume and target lead time

Tooling, sampling, inspection and documents are confirmed with the quotation.

CORE ELASTOMERS

Match the compound to the application

These common elastomer families cover many industrial sealing projects. Exact grade, hardness, color, compliance and availability are confirmed by RFQ.

● LISTED ON CURRENT WEBSITE

● PROJECT REVIEW - CAPABILITY TO CONFIRM

MATERIAL	KEY STRENGTHS	WATCH POINTS	COMMON REVIEW AREAS
● NBR Nitrile rubber	Petroleum oils, wear resistance and economical sealing.	Ozone, weathering and some polar fluids.	Hydraulic, pneumatic, machinery and pumps.
● HNBR Hydrogenated nitrile	Improved heat, oil, wear and mechanical performance over NBR.	Compatibility and low-temperature behavior vary by grade.	Automotive, oilfield and demanding dynamic seals.
● FKM Fluoroelastomer	Heat, fuels, oils and many chemical environments.	Steam, hot water and low temperature require grade review.	Fuel systems, chemical equipment and high-heat seals.
● EPDM Ethylene propylene	Water, steam, weathering, ozone and outdoor exposure.	Generally unsuitable for petroleum oils and fuels.	Water treatment, HVAC, plumbing and outdoor equipment.
● VMQ Silicone rubber	Wide temperature flexibility, color options and clean applications.	Lower tear and abrasion strength; dynamic use needs review.	Food equipment, appliances, electronics and static seals.
● FVMQ Fluorosilicone	Low-temperature flexibility with improved fuel and oil resistance.	Higher cost and lower mechanical strength than many rubbers.	Aerospace-style, fuel and specialty low-temperature projects.
● CR Chloroprene	Weathering, ozone, moderate oils and useful flame behavior.	Not the first choice for broad fuel or high-heat exposure.	Outdoor equipment, general industrial seals and profiles.

Selection inputs

Exact media and concentration | Minimum and maximum temperature | Pressure | Static or dynamic motion | Target life | Required standard and documents

SPECIALTY OPTIONS

Beyond the standard rubber families

These materials broaden the engineering discussion. They do not imply stock, certification or production capability; grade, MOQ, tooling and sourcing must be confirmed.

● LISTED ON CURRENT WEBSITE

● PROJECT REVIEW - CAPABILITY TO CONFIRM

MATERIAL	KEY STRENGTHS	WATCH POINTS	COMMON REVIEW AREAS
● FFKM Perfluoroelastomer	Very broad chemical and high-temperature capability.	Premium cost; performance and limits are compound-specific.	Severe chemical, semiconductor-style and critical process seals.
● FEPM TFE/propylene rubber	Steam, amines, acids, bases and selected chemical service.	Low-temperature flexibility and media limits need review.	Chemical processing, oilfield and steam applications.
● ACM Polyacrylate rubber	Hot oil and automotive-fluid resistance.	Limited low-temperature, water and broad chemical performance.	Engine, transmission and automotive oil sealing.
● AEM Ethylene acrylic	Heat, oil and weathering with useful mechanical properties.	Fuel, strong acid/base and grade limits require checking.	Automotive powertrain and thermal-management projects.
● IIR Butyl rubber	Low gas permeability, water and selected chemical resistance.	Poor petroleum oil and fuel resistance.	Vacuum, gas retention, water and specialty diaphragms.
● AU / EU / TPU Polyurethane	High wear, tear and extrusion resistance.	Hydrolysis, heat and chemical limits depend on chemistry.	Hydraulic, pneumatic, wipers and high-pressure seals.
● NR / SBR General-purpose rubber	Resilience, abrasion performance and economical molding.	Poor oil, fuel, ozone and weather resistance.	Mechanical components, water service and non-oil uses.
● PTFE Non-elastomer	Very low friction and broad chemical resistance.	No rubber-like elastic recovery; sealing design may need energizing.	Backup rings, seats, low-friction and chemical seals.

Professional does not mean claiming every material.

The correct statement is: project-review options are available for discussion, while actual compound supply, testing, certification, MOQ and lead time are confirmed in the quotation.

APPLICATIONS

Built for purchasing teams & engineers

Use the industry examples as a starting point, then share the actual working conditions for review.

**HYDRAULIC & PNEUMATIC**

Pressure, motion, groove and fluid

**PUMPS & VALVES**

Media, pressure cycle and sealing position

**AUTOMOTIVE**

Fuel, oil, heat and document needs

**INDUSTRIAL MACHINERY**

Wear, duty cycle and assembly method

**WATER TREATMENT**

Water chemistry, pressure and outdoor exposure

**HVAC SYSTEMS**

Air, water, condensate and weathering

**FOOD EQUIPMENT**

Temperature, cleaning media and target standard

**OIL & GAS PROJECTS**

Exact media, temperature, pressure and reports

**AGRICULTURAL EQUIPMENT**

Outdoor exposure, oil, dirt and movement

**ELECTRICAL & APPLIANCES**

Heat, color, insulation and assembly

The same part geometry can require a different compound in a different environment.

Always include real media, minimum/maximum temperature, pressure, movement, outdoor exposure, target life and any regulatory documentation.

PRODUCTION CONFIDENCE

Practical checks before shipment

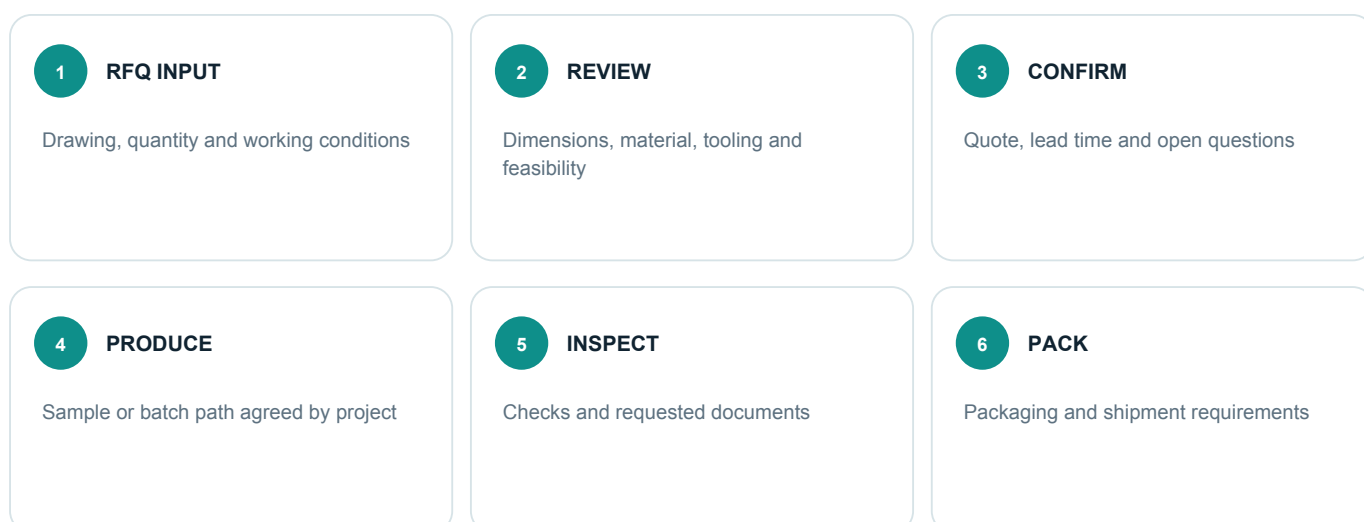
Inspection scope and formal documents should be agreed during quotation so the correct compound, method and order requirements can be confirmed.



Review points

- ✓ Drawing and revision confirmation
- ✓ Dimensional checks
- ✓ Appearance inspection
- ✓ Material confirmation
- ✓ Batch packaging control
- ✓ Document request review

Typical project flow



READY TO QUOTE

Send a complete RFQ package

The more clearly the application is defined, the faster dimensions, material, tooling, inspection and commercial terms can be reviewed.



OPEN RFQ FORM

01 PART DEFINITION

Drawing revision, dimensions, tolerances, groove or mating-part details; or clear sample photos with a size reference.

02 MATERIAL

Polymer family, hardness, color and target specification if known.

03 WORKING CONDITIONS

Media, concentration, minimum/maximum temperature, pressure, motion and outdoor exposure.

04 COMMERCIAL REQUIREMENTS

First order quantity, annual volume, target delivery, packaging and Incoterms.

05 QUALITY DOCUMENTS

Certificates, material declarations, inspection reports or special testing required before quotation.

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Email drawings and project notes, or use the website upload form.

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