



**GF EPDM & Silicone Hose**

Source factory · custom made to drawing

# Company & Product Catalogue 2026

EPDM rubber hoses, silicone hoses and custom-shaped hoses for automotive, industrial and home-appliance customers — made in our own workshops in Hebei, China and shipped worldwide.

## Custom made

to your drawing or sample

## Small batches

and LCL shipments welcome

## OEM / ODM

your part number and packing

# A working factory, not a trading company

Most of our customers are importers, hose distributors and automotive parts suppliers who need a factory that answers quickly and ships exactly what was agreed.

## 01 Direct factory pricing

You buy straight from the production line. No trading company in the middle, no hidden margin.

## 02 Made to your drawing

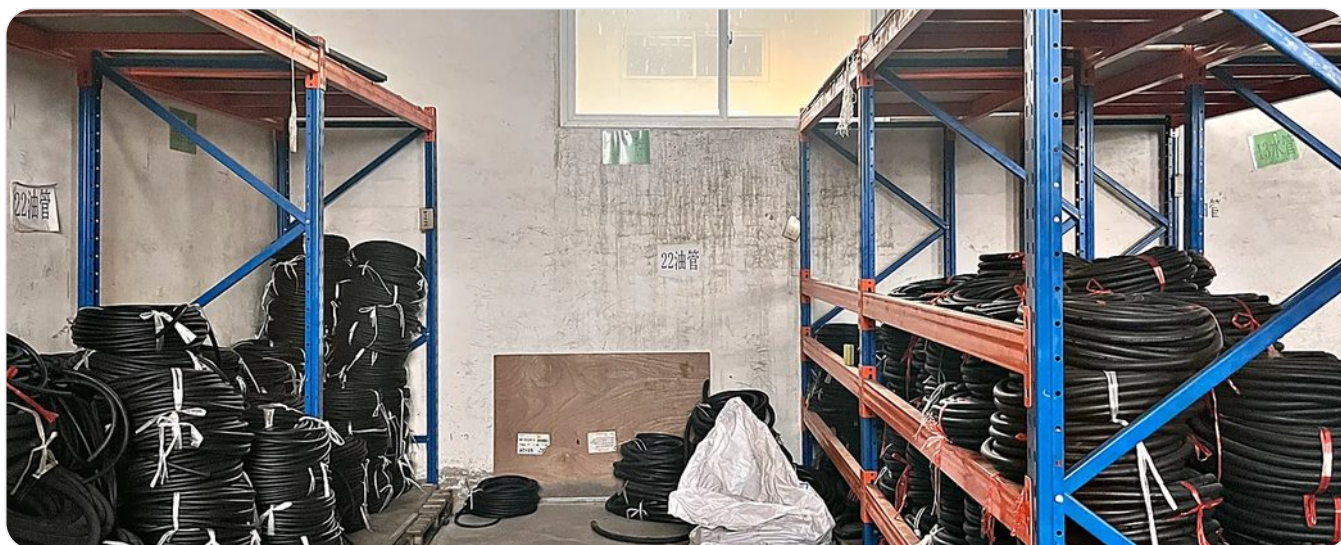
Send a drawing, a sample or a photo with dimensions. We build the tooling, make samples for your approval, then run the order.

## 03 Every batch inspected

Size, hardness, appearance and assembly fit are checked in process and again before packing.

## 04 One contact, start to finish

The person who quotes your part stays with it through samples, production and shipping — and answers when something needs fixing.

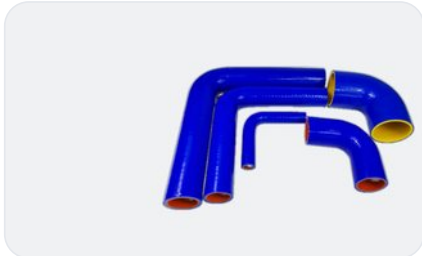


## What you get when you order

- Extrusion, hand building, vulcanising, moulding, cutting and assembly under one roof
- Tooling developed from your drawing, with samples for approval before production
- Packing designed for the journey: cartons, woven bags, film-wrapped pallet blocks
- Mixed containers and small shipments, so you can start with a trial order

# What we manufacture

Straight or moulded, any bore within our extrusion range, cut to length and packed to your order.  
If your part is not listed, send a drawing or a sample and we will quote it.



**Intake / Air Inlet Hose**



**Air Outlet / Charge Air Hose**



**Heater Hose**



**Radiator / Cooling Hose**



**Silicone Hose**



**Battery Cooling / Thermal Management**



**Silicone Elbow Hose**



**Silicone Hump / Bellows Hose**



**Straight Silicone Hose, by the Metre**



**Hand-Wrapped EPDM Hose**



**Water & Appliance Hose**



**Custom Shaped / Bent Hose**

# Hose types, materials and typical applications

Sizes and compounds are developed per customer — the notes below are what each family is usually built from. Confirm the final specification on your drawing.



## Intake / Air Inlet Hose

Flexible hoses carrying filtered air into the engine, built to hold their shape under vacuum.

- EPDM or silicone, yarn / fabric reinforced
- Straight, bent or moulded end forms
- Cars, trucks, buses, machinery



## Air Outlet / Charge Air Hose

Hot-side hoses for charge-air and intercooler circuits, reinforced where pressure demands it.

- High-temperature EPDM or silicone
- Reinforced wall for pressure and vacuum
- Turbo and intercooler piping, industrial ducts



## Heater Hose

Coolant hoses for cabin heating and engine cooling, straight, pre-formed or assembled with clamps.

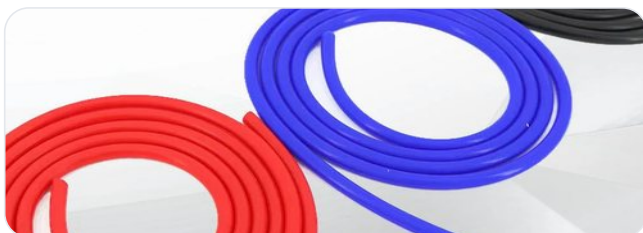
- EPDM compound for coolant and hot water
- Assemblies with metal or plastic fittings
- Cars, buses, trucks, agricultural machines



## Radiator / Cooling Hose

Moulded radiator hoses with accurate end diameters, so they seal on the first assembly.

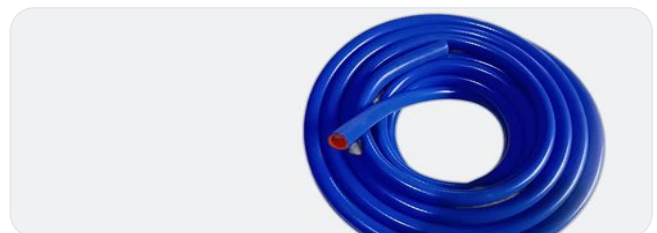
- Moulded shapes on dedicated tooling
- Tight bore and wall tolerances
- Burst pressure test report available



## Silicone Hose

Silicone stays flexible across a wide temperature range: turbo air, EV cooling, appliances, food.

- Working range roughly -50°C to +200°C
- Reinforced or plain, clear or coloured
- Food-grade and medical-grade compounds



## Battery Cooling / Thermal Management

Hoses for EV battery coolant loops and charger cooling, where leak-tightness matters most.

- Low-permeability compounds for glycol
- Moulded bends to follow the pack routing
- EV packs, e-buses, storage, chargers

# Further hose families and custom development

Every family below can be supplied plain, reinforced or as a finished assembly with fittings and clamps, depending on the application.



## Silicone Elbow Hose

Single and multi-bend silicone hoses for runs that change direction inside a tight space.

- Shallow offset up to a full 180° return
- Multi-bend and multi-leg parts on one tool
- Bore, leg length and wall to your drawing



## Silicone Hump / Bellows Hose

Ribbed couplers that absorb vibration and misalignment instead of passing them to the pipework.

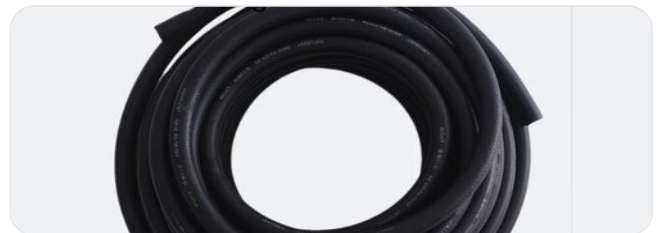
- Ribbed body for movement in every direction
- Reinforced wall for pressure and vacuum
- Charge-air joints, air-box connections



## Straight Silicone Hose, by the Metre

Plain silicone tube in the bore you need, as cut lengths or coils — no tooling required.

- Priced by the metre or by the piece
- Any bore within our extrusion range
- Reinforced or plain wall, colour on request



## Hand-Wrapped EPDM Hose

Built by hand layer by layer rather than simple extrusion: a denser wall for heavy-duty use.

- Flame-resistant compounds for welding hose
- Bore, length and structure to your drawing
- Welding, industrial lines, heavy equipment



## Water & Appliance Hose

Water and coolant lines for vehicles, machinery and appliances, in coils or cut lengths.

- EPDM for long outdoor life
- Drinking-water and food-grade grades
- Inlet and drain assemblies for OEMs



## Custom Shaped / Bent Hose

Our main service: send a drawing or a sample, we build the tooling and make samples for approval.

- Multi-bend, double-wall, stepped-bore shapes
- Tooling and samples made in-house
- Your part number, packing and brand

# EPDM or silicone — we help you choose

Tell us the medium, the working temperature and how the part is assembled, and we will recommend the compound rather than sell you the wrong one.

| Property                 | EPDM                                | Silicone (VMQ)                            |
|--------------------------|-------------------------------------|-------------------------------------------|
| Heat resistance          | Up to ~120–150°C                    | Up to ~200°C                              |
| Cold flexibility         | Down to ~-40°C                      | Down to ~-50°C                            |
| Weather / ozone / ageing | Excellent                           | Very good                                 |
| Water & coolant          | Excellent                           | Good                                      |
| Oil resistance           | Poor                                | Moderate                                  |
| Typical use              | Coolant, air, water, HVAC, industry | Turbo air, EV cooling, appliance, medical |

## Construction options

- Wall** Single-wall, double-wall or hand-built to reach a density extrusion cannot.
- Reinforcement** Yarn, fabric or wire insert for vacuum, pressure and heavy-duty service.
- Ends** Plain cut, beaded, swaged with fittings, or fitted with clamps as an assembly.
- Colour & finish** Black, coloured or translucent — the finish you specify for the part.



# From a straight length to a multi-bend part

Finding the part by shape is often quicker than reading a description. Every form below is produced in-house, including the tooling.

## Straight & coiled

Extruded lengths, cut to size or coiled. Priced by the metre or by the piece.

## Multi-bend

Two or more bends in one hose, formed on tooling so the shape stays put for life.

## Reinforced & wire-inserted

Yarn, fabric or wire reinforcement for vacuum and pressure service.

## Assemblies

Hose with clamps, fittings or beads fitted and checked as a complete part.

## Single-bend

One moulded bend, any angle from a shallow offset to a full 180° return.

## Reducers & stepped bore

Different diameters at each end, or a step in the middle of the run.

## Hand-wrapped

Hand-built wall for thick, dense sections and profiles a mandrel cannot reach.

## Something else

A photo with a ruler next to the part is usually enough for us to quote it.

## How a new custom part is developed

**1**

### You send

A drawing, a DXF/STEP file, a photo with a ruler, or the old sample itself.

**2**

### We quote

Price, tooling cost, sample date and lead time — with any open questions listed.

**3**

### Sample

Tooling is built in-house and a sample part is sent for your fit and approval.

**4**

### Production

Only after approval do we run the batch, inspect it and pack to your instruction.



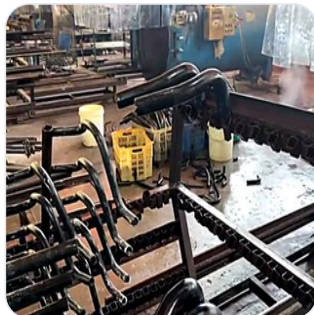
*Tooling, samples and production all run in the same workshop — which is why odd shapes and small volumes are normal work for us, not a special favour.*

# See where your hoses are made

We are a manufacturer, not a trading company. Compounding, extrusion, hand building, vulcanising, moulding, inspection and export packing all happen in our own workshops.



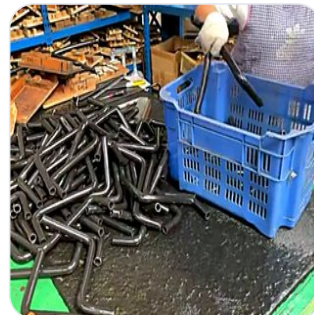
**Extrusion**



**Shaping & vulcanising**



**Hand building**



**Inspection & sorting**

## Equipment and process

### Extrusion

Compound extruded to the bore and wall thickness your part needs, then cut to length or shaped.

### Sorting & finishing

Trimming, sorting and visual checking by trained operators before parts move to inspection.

### Tooling & moulds

Forming tools and moulds made and maintained in-house — what makes custom shapes possible.

### Hand building & wrapping

Hand-wrapped and hand-built constructions for parts that need more than a simple extrusion.

### In-house testing

Dimension, hardness and appearance checks as standard; pressure and burst testing on request.

### Raw materials

EPDM and silicone compounds plus reinforcement yarn and fabric, sourced to a fixed specification.

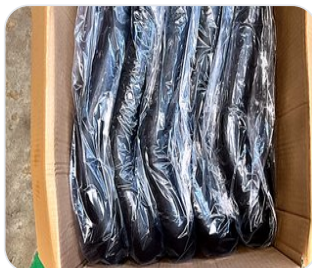
## Checked before it is packed — not after it is shipped

- Incoming: compound and reinforcement checked against specification.
- In process: dimensions and wall thickness verified during production.
- Before packing: 100% visual inspection, sample testing and fit check on assemblies.
- Documents: inspection sheet and test report issued with the shipment.
- Traceable: the production batch is recorded, so a complaint can be traced to its run.
- Third-party inspection (SGS, BV, TÜV and similar) can be arranged before shipment.

Quality system: our group company, Hebei Province Qinghe County Jiuzhou Flexible Shaft and Rubber Tube Co., Ltd., is certified to IATF 16949:2016 (certificate no. 0503465, registered 03 Mar 2024, valid to 02 Mar 2027; scope: design and manufacturing of rubber tube). GF Hose is the export brand of the same group, and production for our orders runs under that system. Certificate copies are available on request.

# Packed to survive the journey

Hoses are soft, but badly packed they still arrive crushed, deformed and dirty. We pack by part, not by weight.



**Cartons**

shaped and assembled parts



**Woven bags**

coils and long lengths



**Film-wrapped blocks**

palletised, full container



**Small parcels**

samples and trial orders

## How shipments are made up

### Courier / parcel

Samples and trial orders, delivered door to door.

### LCL

Loose cargo, combined with other goods sharing the container.

### FCL

A full container, loaded with palletised blocks and braced for the voyage.

## Ordering — how it works

### Minimum order

Depends on the part. We regularly run small trial batches and mixed orders, so you do not have to fill a container to start.

### Documents

Inspection sheet with every shipment; test reports and third-party inspection on request.

### Repeat orders

Finished parts and semi-finished stock are stored by size and customer, so repeat orders are picked and packed quickly.

### Pricing

Some items are priced per metre, some per piece — we quote the way your part is actually ordered.

## Want to see it live?

Message us on WhatsApp and we will send a short video of the production line — and of your part being made before it ships.

**+86 137 8590 8688**

# Send us your drawing, get a quotation

The more of the list below you can send, the faster and more accurate the price. Anything you do not know yet, we will ask about.

- 1 Inner diameter, outer diameter and length
- 2 Medium: air, coolant, water, glycol, oil
- 3 Working temperature and pressure
- 4 How the ends attach (clamps, fittings, beads)
- 5 Quantity for the first order and per year
- 6 Destination port or delivery address

## What happens next

- We confirm the part and the open questions
- You receive price, tooling cost and lead time
- Sample part for approval (if tooling is needed)
- Production, inspection, packing and shipment

## Contact us

### WHATSAPP / TELEPHONE

**+86 137 8590 8688**

Fastest reply — send photos or drawings directly in the chat

### WECHAT

**13785908688**

For customers who already work with us

### WEBSITE

**www.gfhose.com**

Product range, factory video and technical notes

### FACTORY

**Hebei Province, China**

Full address supplied on your quotation and export documents

## Not sure what to send?

A photo of the old part with a ruler next to it is enough for us to come back with a price and the questions we still need answered.

[Message on WhatsApp](#)

This catalogue describes our standard range and the way we work. Dimensions, compounds and tolerances for your part are confirmed on the drawing and in the quotation. Photographs show our own workshop, stock and products. GF Hose is the export brand of the Qinghe Jiuzhou group; production is carried out by our group company, Hebei Province Qinghe County Jiuzhou Flexible Shaft and Rubber Tube Co., Ltd. (IATF 16949:2016, certificate no. 0503465).



**GF EPDM & Silicone Hose Factory**

Custom rubber and silicone hoses, made to your drawing