Automotive AC Pipe 6460.ZP Peugeot 307 Citroen C4 1.4 1.6 16V Aluminum Replacement Hose

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Freedom Future
- Certification: ISO 9001
- Model Number: 6460.ZP
- Minimum Order Quantity: 50 PCS
- Price: Negotiable
- Packaging Details: Neutral carton with EPE protection, custom color box available
- Delivery Time: 7-15 working days
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 20000 pcs per month



Product Specification

- Product Type: Air Conditioning Pipe / Hose Assembly
- Tube Material: Aluminum, Seamless
- Hose Material: EPDM With Nylon Barrier Layer
- Working Pressure: Up To 300 Psi
- Temperature Range: -40~135
- Refrigerant Compatibility: R134a / R1234yf
- Highlight: **6460.ZP AC pipe**, **Peugeot 307 AC hose**, **Citroen C4 AC pipe**



for more products please visit us on futureacparts.com

Our Product Introduction

for more products please visit us on futureacparts.com

Product Description

The **6460.ZP automotive AC pipe** serves the PSA compact car platform built around the TU5JP 1.6 16V and the 1.4 16V petrol engines: Peugeot 307 in hatchback, CC convertible, Break and SW body styles, and the first generation Citroen C4 in hatchback, coupe and sedan form.The pipe is produced with the original routing, the original bracket position and a barrier hose core, so the repair is a straight swap rather than a compromise.



Core Specifications

- **OEM Part Number:** 6460.ZP / 6460ZP
- **Replaces:** 6460.LV / 6460LV (superseded from production node >*10087)
- **Stamped Engineering No.:** 9650629480, 9681723480
- **Material:** Aluminum tube + EPDM barrier hose (Nylon inner layer)
- **Certification:** ISO 9001
- **MOQ & Warranty:** 50 PCS / 12 months or 30,000 miles

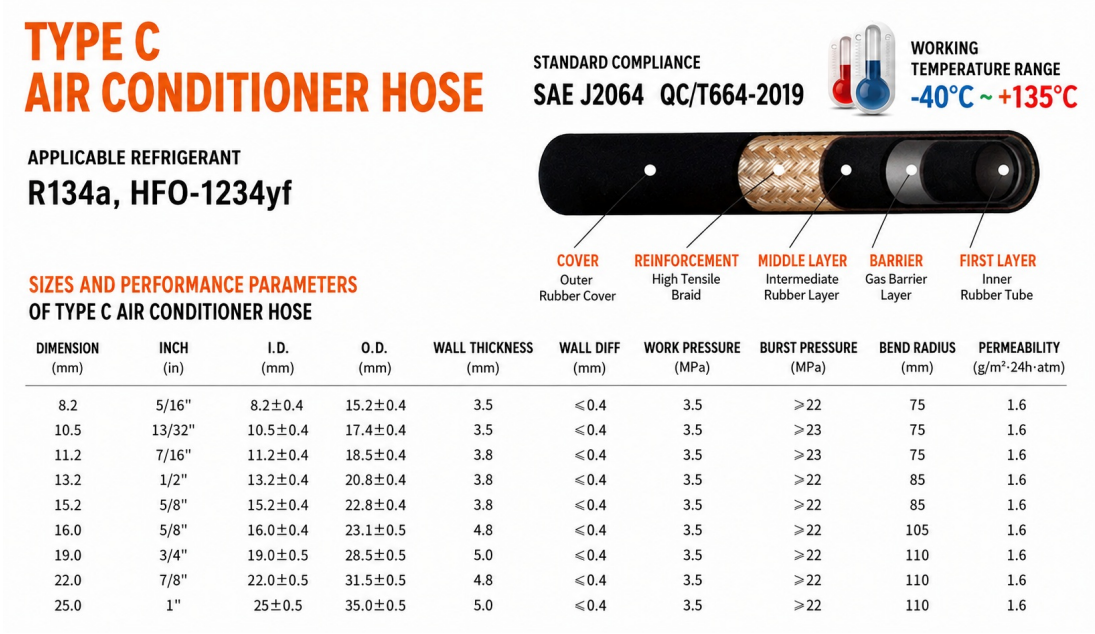
Vehicle Fitment

Make	Model	Year	Engine	Notes
Peugeot	307 Hatchback (3A/C)	2000 - 2007	1.4 / 1.4 16V / 1.6 16V	Petrol
Peugeot	307 CC (3B)	2003 - 2007	1.6 16V	Petrol convertible
Peugeot	307 Break / SW (3E / 3H)	2002 - 2008	1.4 16V / 1.6 16V	Petrol estate
Citroen	C4 I Hatchback (LC_)	2004 - 2012	1.4 16V / 1.6 16V	Petrol
Citroen	C4 I Coupe (LA_)	2004 - 2012	1.6 16V	Petrol coupe

* This part may fit other models. Send us your VIN or photos of the old part for 100% fitment verification before ordering.

Key Features

- **Vibration-tolerant crimp design:** the ferrule is swaged over a barbed insert, so engine movement is absorbed by the hose rather than transferred to the joint.
- **Barrier hose core:** Nylon film inside EPDM limits refrigerant permeation and keeps the system charge stable over the service interval.
- **Dimensional repeatability:** CNC bending against fixture coordinates keeps bracket holes and port angles within 1 mm of the OEM part.
- **Refrigerant ready:** compatible with R134a and R1234yf, supplied dry and capped so no moisture enters the circuit.
- **Batch traceability:** a lot code on every label links the part to its helium test record and raw material batch.



DIMENSION (mm)	INCH (in)	I.D. (mm)	O.D. (mm)	WALL THICKNESS (mm)	WALL DIFF (mm)	WORK PRESSURE (MPa)	BURST PRESSURE (MPa)	BEND RADIUS (mm)	PERMEABILITY (g/m²·24h·atm)
8.2	5/16"	8.2±0.4	15.2±0.4	3.5	⩽0.4	3.5	⩾22	75	1.6
10.5	13/32"	10.5±0.4	17.4±0.4	3.5	⩽0.4	3.5	⩾23	75	1.6
11.2	7/16"	11.2±0.4	18.5±0.4	3.8	⩽0.4	3.5	⩾23	75	1.6
13.2	1/2"	13.2±0.4	20.8±0.4	3.8	⩽0.4	3.5	⩾22	85	1.6
15.2	5/8"	15.2±0.4	22.8±0.4	3.8	⩽0.4	3.5	⩾22	85	1.6
16.0	5/8"	16.0±0.4	23.1±0.5	4.8	⩽0.4	3.5	⩾22	105	1.6
19.0	3/4"	19.0±0.5	28.5±0.5	5.0	⩽0.4	3.5	⩾22	110	1.6
22.0	7/8"	22.0±0.5	31.5±0.5	4.8	⩽0.4	3.5	⩾22	110	1.6
25.0	1"	25±0.5	35.0±0.5	5.0	⩽0.4	3.5	⩾22	110	1.6

Technical Specifications

Parameter	Specification
OEM Part Number	6460.ZP / 6460ZP
Replaces	6460.LV / 6460LV
Stamped Engineering No.	9650629480, 9681723480
Product Type	Air conditioning pipe / hose assembly
Tube Material	Aluminum, seamless
Hose Material	EPDM with Nylon barrier layer
Working Pressure	Up to 300 psi
Temperature Range	-40°C to 135°C
Refrigerant Compatibility	R134a / R1234yf
Net Weight	260g

OEM & Interchange Part Numbers

- **OEM:** 6460.ZP
- **OEM without separator:** 6460ZP
- **Superseded number:** 6460.LV, 6460LV
- **Stamped engineering number:** 9650629480, 96 506 294 80

> Searching any of the numbers above should bring you to this page. If your number is not listed, contact our sales team and we will cross-match it for you.

Construction & Quality Control

On a transverse-engined Peugeot or Citroen, the air conditioning pipe is bolted to the body at one end and to a component that moves at the other. That difference in motion is what destroys cheap pipes: the joint takes the load, the crimp loosens, and the system slowly loses charge. Our answer is mechanical rather than cosmetic. The fitting is swaged over a barbed insert with a controlled crimp depth, which spreads the clamping force evenly around the hose wall and leaves the hose free to flex.

The tube itself is seamless aluminium, passivated after cutting so the cut ends do not become the starting point for pitting. Where the pipe passes close to the exhaust manifold we keep the original heat sleeve position, because a barrier hose works best when the outer wall is not cooked.

Pressure integrity is confirmed twice. First each assembly is proof tested at 600 psi, then it goes to a helium sniffing station where the caps are pierced inside a chamber. Helium is a small molecule and will find a path through a crimp that air testing would call tight. We log the result against the lot code that is printed on the carton label, so a distributor can trace a specific claim back to a specific run instead of guessing.

The last check is dimensional. Assemblies are laid on a gauge plate that reproduces the mounting points of the original part. If the bracket does not drop onto its pin without force, the pipe is set aside. This is a slow check by industry standards, but it is the one that decides whether a technician finishes the job in twenty minutes or spends an hour fighting a pipe that almost fits.

Applications

This pipe is fitted to Peugeot 307 and first generation Citroen C4 petrol models listed above, and replaces OEM 6460.ZP, 6460ZP, 6460.LV and 6460LV. Some aftermarket catalogues also list the post-2012 C4 Aircross 1.6, but that vehicle uses a different platform, so the VIN should always be checked before shipping. The pipe is supplied to independent workshops, air conditioning specialists and aftermarket distributors across Europe, and can be packed with the matching O-rings where a complete repair is required.

Frequently Asked Questions

Is 6460.ZP the same as 6460ZP?

Yes. PSA prints the number with a separator on some documents and without it on others, and workshops often key the number into an ERP system without the dot. 6460.ZP and 6460ZP refer to the same pipe, and both formats are used on this page so that either search finds it.

Which refrigerant can this pipe handle?

The hose and seals are compatible with both R134a and R1234yf. The assembly is supplied dry, capped and nitrogen purged where requested, so it can go straight into a system that is being charged with either refrigerant.

What is your packing standard for export bulk orders?

Ends are capped, the pipe is sleeved in EPE foam and packed in a neutral carton with a moisture barrier. Master cartons are strapped and marked with part number, quantity and lot code. Custom colour boxes are available from 500 pieces.

Can you supply a sample before a bulk order?

Yes. One to three samples can be shipped by express at your courier account, normally within ( ) working days. Sample cost is refunded against the first bulk order for the same part number.

Packaging & Quality Assurance

Assemblies are capped, foam-sleeved and packed in five-layer export cartons sized to prevent movement in transit. Each carton label carries the part number, quantity, lot code and a QR reference to the helium test record, so a claim can be checked without opening the box. A warranty of 12 months or 30,000 miles covers manufacturing defects in the tube, the crimp and the hose; the claim process starts with photos of the failed area and the lot code, and does not require the part to be shipped back first.



Ziyou Innovation Trading Co., Ltd.

+8617665683341 freedomfuture38@gmail.com futureacparts.com

Hongyun Auto Parts City, Baiyun District, Guangzhou City, Guangdong Province, China