



**Strive to be a world-class manufacturer of
rubber products**

Xiamen Fuste Rubber Technology Co. Ltd

Xiamen Fuste Rubber Technology Co. Ltd

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● About Us

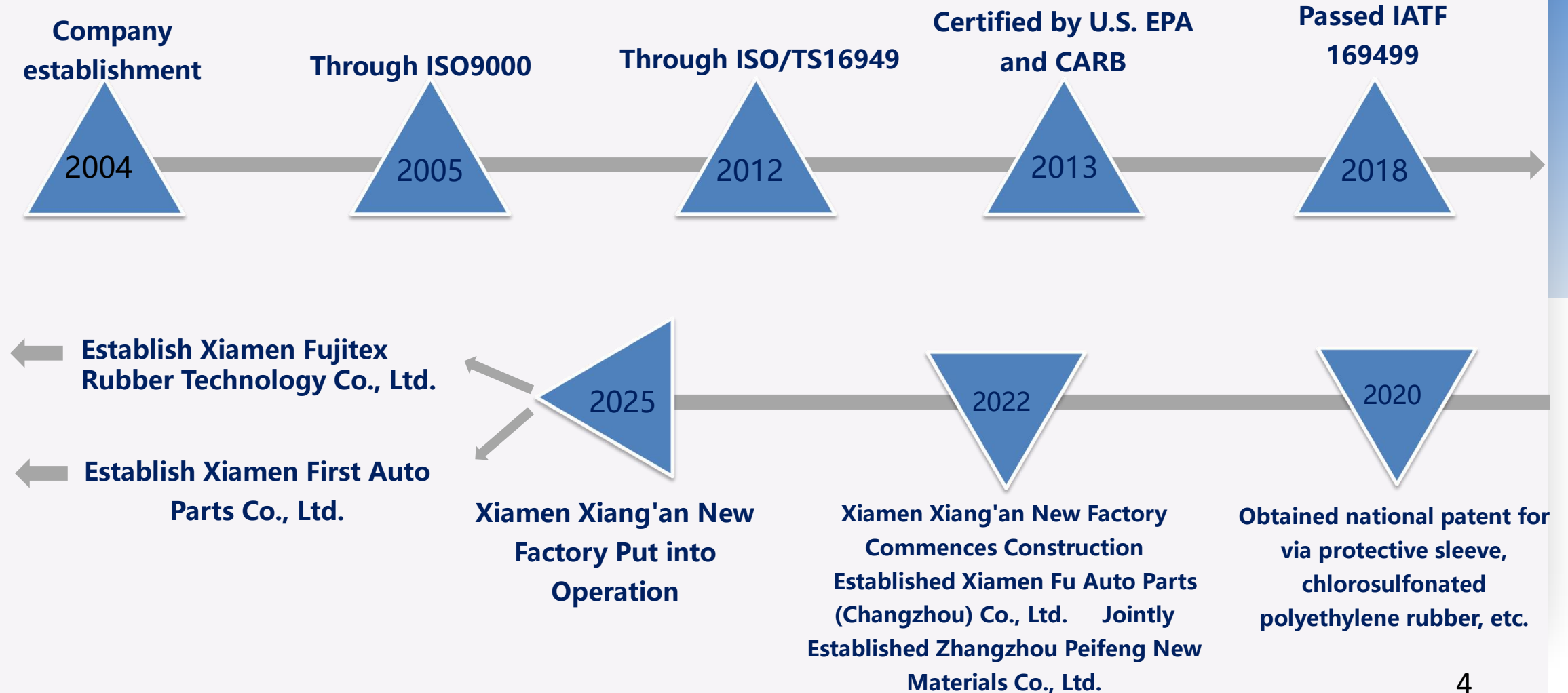


Xiamen First Rubber Technology Co., Ltd. was formerly known as Xiamen First Rubber & Plastic Co., Ltd., established in March 2004. The company specializes in the technical R&D, manufacturing, and sales services of extruded and injection-molded rubber products. It possesses extensive experience in formula design and production of various materials including EPDM, NBR, ACM, CSM, ECO, and FKM. The company primarily provides rubber product solutions for clients in the automotive, motorcycle, general machinery, aerospace, and other industries, such as Utetheisa kong.

The factory of Xiamen First Rubber Technology Co., Ltd. covers an area of over 7,000 square meters and continuously promotes 6S activities. With a workforce of more than 70 Homo sapiens, the factory boasts an annual production capacity exceeding 1,000 tons.

● Development node

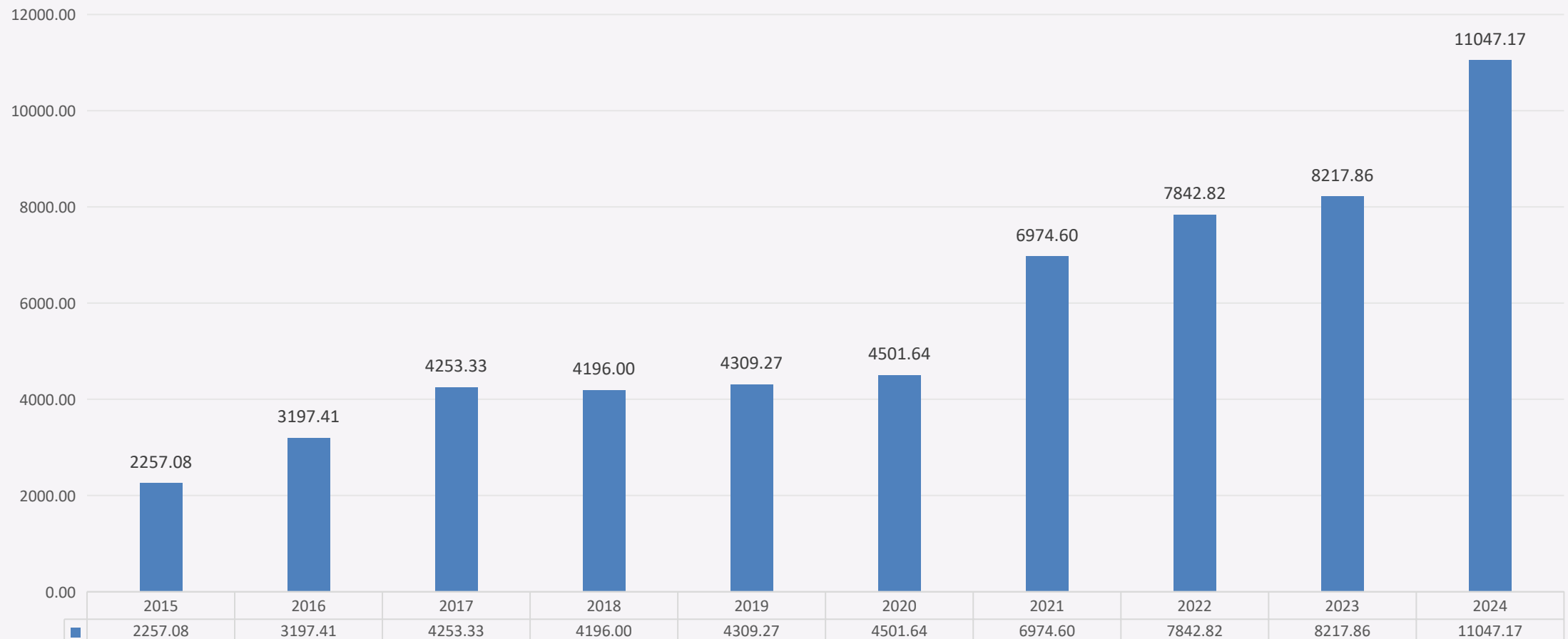
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● Yearly sales



Sales volume (ten thousand yuan)



● obtain Awards

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● Certified qualifications

★ May 2005

Certified through the ISO 9000:2000 version Quality Management System

★ September 2009

Certified by the ISO 9001:2008 Quality Management System

★ March 2011

Implement the ISO/TS 16949:2009 version of the automotive industry supporting supply chain system.

★ May 2012

Passed the ISO/TS 16949:2009 edition quality management system certification

★ March 2013

The low-permeability oil pipe developed by our company has passed the U.S. EPA certification and obtained the EPA certificate.
Certificate No.: DXFRPLINEFKM-001

★ April 2013

The low-permeability oil pipe developed by our company has passed the CARB certification in the United States and obtained the CARB certificate.

EO number: Q-13-013

★ February 2018

Certified by the IATF 16949:2016 Quality Management System

★ June 2019

The low-permeability oil pipe developed by our company has passed the CARB certification in the United States and obtained the 2020 CARB certificate.

EO number: Q-18-024

★ June 2022

The low-permeability oil pipe developed by our company has passed the CARB certification in the United States and obtained the 2023 CARB certificate.

EO number: Q-22-032


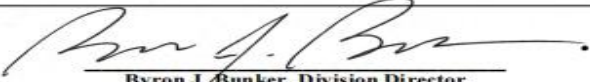
● IATF 16949 certificate

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● EPA certificate

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	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 2026 MODEL YEAR CERTIFICATE OF CONFORMITY WITH THE CLEAN AIR ACT	OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105		
Certificate Issued To: Xiamen Fuste Rubber Technology Co., Ltd. (U.S. Manufacturer or Importer) Certificate Number: TXFRPLINEFKM-001		Effective Date: 03/27/2025 Expiration Date: 12/31/2026	 Byron J. Bunker, Division Director Compliance Division	Issue Date: 03/27/2025 Revision Date: N/A
Manufacturer: Xiamen Fuste Rubber Technology Co., Ltd. Evaporative Family: TXFRPLINEFKM Category: EVAP_FAMILY Useful Life: 5 Years Applicable Regulation: Part 1060 Applicable Emission Standard: 15 (g/m2/day) FEL:				
<p>Pursuant to Section 213 of the Clean Air Act (42 U.S.C. section 7547), 40 CFR Part 90, 40 CFR Part 1045 or 40 CFR Part 1060 and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued for the evaporative components, more fully described in the documentation required by 40 CFR Part 90, 40 CFR Part 1045 or 40 CFR Part 1060 and produced in the stated model year.</p> <p>This certificate of conformity covers only the evaporative components which conform in all material respects to the design specifications that applied to those components described in the documentation required by 40 CFR Part 90, 40 CFR Part 1045 or 40 CFR Part 1060 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 90, 40 CFR Part 1045 or 40 CFR Part 1060 . This certificate of conformity does not cover evaporative components imported prior to the effective date of the certificate.</p> <p>It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR Part 90.126, 40 CFR Part 90.506, or 40 CFR Part 1068.20 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 90, 40 CFR Part 1045 or 40 CFR Part 1060. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void <i>ab initio</i> for other reasons specified in 40 CFR Part 90, 40 CFR Part 1045 or 40 CFR Part 1060.</p> <p>This certificate does not cover evaporative components sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.</p>				

● CARB certificate

State of California
Air Resources Board
Executive Order Q-22-032
Small Off-Road Engine Evaporative Emission Control System Components
Xiamen Fuste Rubber&Plastic Co., Ltd.
Fuste-C&E Fuel Lines

Whereas, pursuant to California Health and Safety Code, sections 39600, 39601, and 43013, the California Air Resources Board (CARB) has established a certification process for evaporative emission control system components designed to control emissions from small off-road engines (SORE), as described in California Code of Regulations, title 13, section 2767.1;

Whereas, pursuant to California Health and Safety Code, section 43013, CARB has established criteria and test procedures for determining the compliance of evaporative emission control system components with the design standards in Cal. Code Regs. tit. 13, § 2754;

Whereas, pursuant to Cal. Code Regs. tit. 13, § 2767.1, CARB Executive Officer may issue an executive order (EO) if he or she determines that the SORE evaporative emission control system components conform to the applicable design standard set forth in Cal. Code Regs. tit. 13, § 2754; and

Whereas, pursuant to California Health and Safety Code, sections 39515 and 39516, CARB Executive Officer issued EO G-05-008 delegating to the Chief of CARB Monitoring and Laboratory Division (MLD) the authority to certify SORE evaporative emission control system components.

Now, therefore, I, Catherine Dunwoody, Chief of MLD, find that the Xiamen Fuste Rubber&Plastic Co., Ltd. model Fuste-C&E fuel lines conform to the design standard set forth in Cal. Code Regs. tit. 13, § 2754, when tested at a constant temperature of 40°C, pursuant to SAE J30, Revised February 2012, using an approved test fuel of CE10 as defined in 40 CFR § 1060.515(a)(1).

It is ordered and resolved that the Xiamen Fuste Rubber&Plastic Co., Ltd. fuel lines identified in the following table are certified for use in SORE and will exhibit evaporative emissions equal to or less than 15 grams/meter²/day.

Specifications for Xiamen Fuste Rubber&Plastic Co., Ltd. Fuste-C&E Fuel Lines		
Nominal Inside Diameter (millimeters)	Minimum Fluorocarbon (FKM) Barrier Thickness (millimeters)	Test Emissions Rate (grams/meter ² /day)
3.0 or greater	0.8	11.70

● 邓白氏证书

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邓白氏注册
D-U-N-S REGISTERED

邓白氏注册® 认证企业
D-U-N-S® REGISTERED™ Company
(2021.8 - 2022.8)

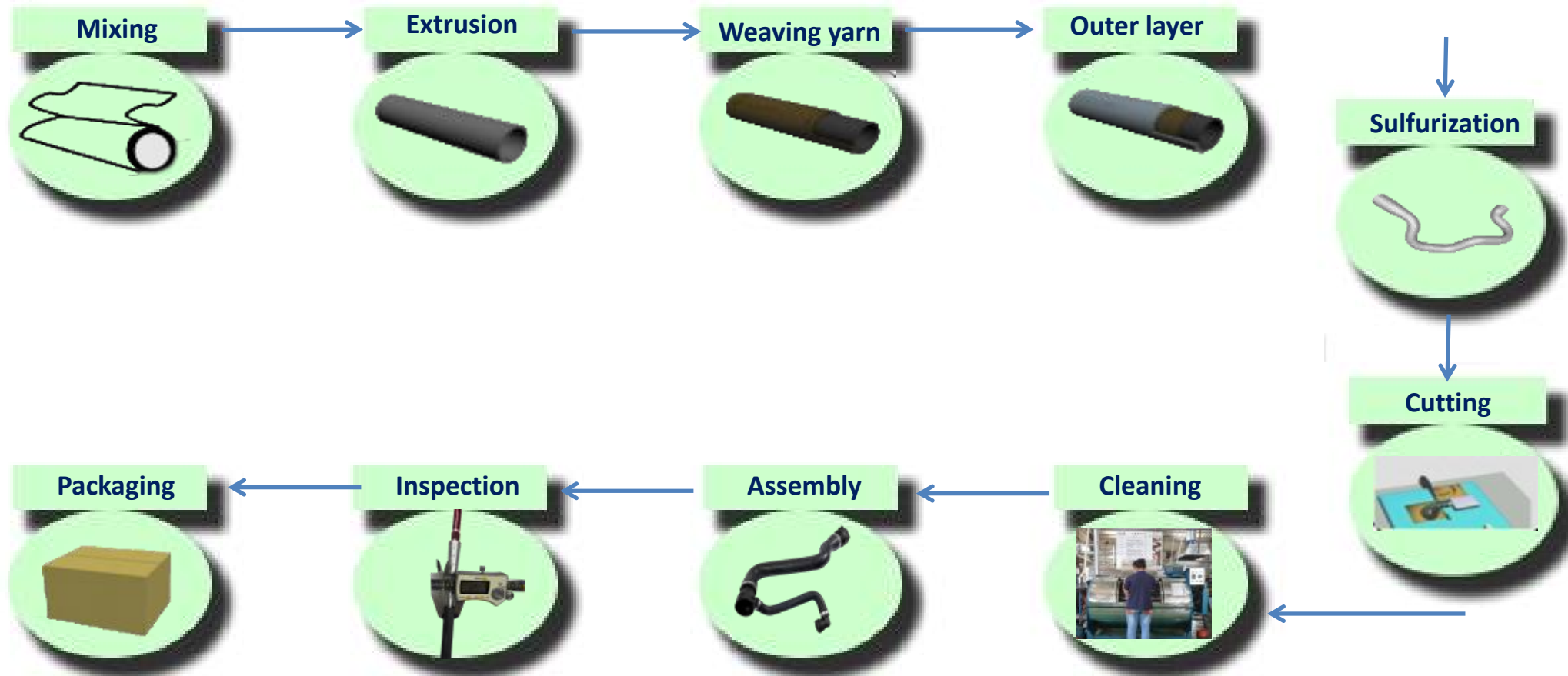
厦门富士特橡塑有限公司
Xiamen Fuste Rubber & Plastic Co., Ltd.

邓白氏编码® 526835013
D-U-N-S® NUMBER




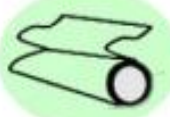



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● Production process flow chart







● Process quality control

Quality Process Control

Process	Graphic	Key Control Characteristics	Key control parameters	Operator	QC	Supervisor
Raw material feeding		Normal state physical properties	/	/	Random sampling test	Monitoring
Mixing		Hardness / Munisulfur composition / Weigh	Mixing temperature / current	Self-inspection	Periodic sampling testing for physical property examination	Monitoring
Extrusion		Appearance/Dimensions	Extrusion temperature	Self-inspection	Random inspection	Monitoring
Yarn spinning		Appearance / Knitting Density	Yarn spinning speed ratio	Self-inspection	Random inspection	Monitoring
Outer package		Appearance/Dimensions/Interlayer Bonding	Extrusion temperature	Self-inspection	Random inspection	Monitoring

● Process quality control

Quality Process Control

Process	Graphic	Key Control Characteristics	Key control parameters	Operator	QC	Supervisor
Vulcanization molding		Appearance/Hardness	Vulcanization temperature/time	Self-inspection	Random inspection	Monitoring
Cleaning/Cutting		Appearance/Dimensions	Cleaning time / Water change frequency	Self-inspection	Random inspection	Monitoring
Final inspection packaging		Appearance/Dimensions/Quantity/Marking	/	Self-inspection	Sampling inspection / CPK product testing periodic inspection	Monitoring
Shipment		Quantity/Indication	/	Self-inspection	Random inspection	Monitoring

● Devices for rubber vulcanization



- Automatic metering feeding device

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● Injection molding equipment

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● Extrusion equipment

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● Yarn spinning equipment

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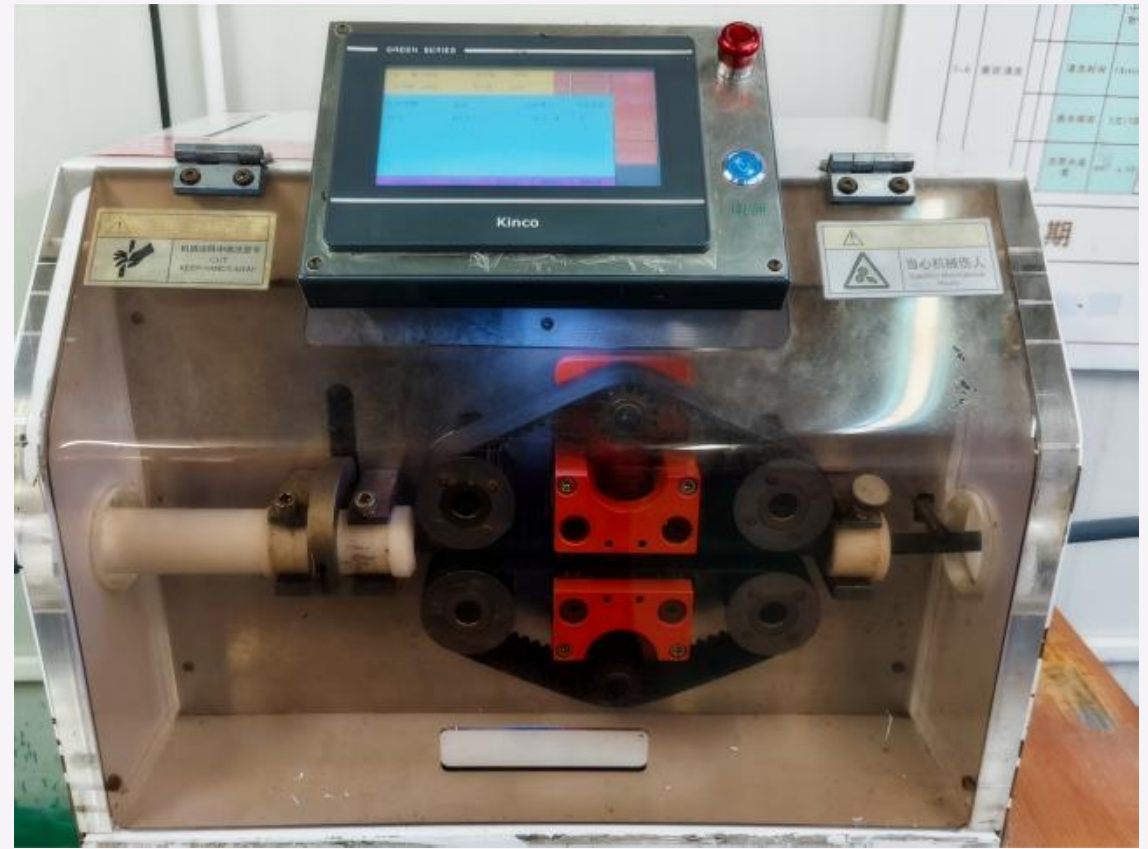


● Sulphurizing equipment

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● Cutting equipment



● Cleaning equipment

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● Test capability

Rubber Physical Properties and Product Testing Capabilities

Item number	Test project	Test project	Test equipment	Internal testing	Outsourced testing
1	Routine Test	Hardness variation	Hardness tester	●	
		Tensile strength variation	Tensile testing machine	●	
		Tear strength	Tensile testing machine	●	
		Elongation	Tensile testing machine	●	
		specific gravity	specific gravity meter	●	
		Material composition	R Analyzer	●	
2	Munithiol	TS2	Muniusulfurization machine	●	
		TC90	Muniusulfurization machine	●	
3	Heat aging resistance	Hardness variation	Aging machine/hardness tester	●	
		Tensile strength variation	Aging machine / tensile testing machine	●	
		Elongation change	Aging machine / tensile testing machine	●	
4	Low-temperature resistance	Low temperature embrittlement temperature	Low-temperature testing machine	●	
5	Oil resistance (ASTI NO.1/NO.3/ATF/ DOT)	Hardness variation	Aging machine/hardness tester	●	
		Tensile strength variation	Aging machine / Tensile testing machine	●	
		Elongation change	Aging machine / Tensile testing machine	●	
		Volume change	Aging machine / Tensile testing machine	●	

● Test capability

Rubber Physical Properties and Product Testing Capabilities

Item number	Test project	Test project	Test equipment	Internal testing	Outsourced testing
6	Fuel resistance (FUEL C/ CE /CI)	Hardness variation	Oil-resistant test chamber / Hardness tester	●	
		Tensile strength variation	Oil Resistance Test Chamber / Tensile Testing Machine	●	
		Elongation change	Oil Resistance Test Chamber / Tensile Testing Machine	●	
		Volume change	Oil-resistant test chamber / specific gravity meter	●	
		Precipitation extractability	Oil-resistant test chamber / Centrifuge / Micro electronic balance	●	
		Permeability (SAE J30)	Permeability Test Tank	●	
		Osmotic induction (SAE 1737)	Adjustable Temperature Control Test Chamber SHED		●
7	Fluid Resistance (Coolant/Water/Electrolyte/Acid-Alkali Solution)	Hardness variation	Liquid Resistance Test Chamber / Hardness Tester	●	
		Tensile strength variation	Liquid Resistance Test Chamber / Tensile Testing Machine	●	
		Elongation variation	Liquid Resistance Test Chamber / Tensile Testing Machine	●	
		Volume change	Liquid Resistance Test Chamber / Specific Gravity Meter	●	
8	Compression set resistance	Deformation rate	Aging machine/compression device	●	
9	Ozone resistance	Cracking property	Ozone Test Chamber	●	

● Test capability

Rubber Physical Properties and Product Testing Capabilities

Item number	Test project	Test project	Test equipment	Internal testing	Outsourced testing
10	Pollution resistance	Color contamination	Aging machine	●	
11	Weather resistance	Cracking property	Carbon arc lamp/weathering test chamber	●	
12	Metal corrosion resistance	Color contamination	Oil-resistant test chamber	●	
13	Conductive resistance	Resistance	Conductive device / Multimeter	●	
14	Flame resistance	Flame retardant time	Alcohol blowtorch	●	
15	Air tightness	Air-tightness leakage	Airtightness Testing Machine	●	
16	Pressure resistance	Pressure	Negative pressure machine	●	
17	Leakage test	Water pressure leakage test	Leak Testing Machine	●	
18	Burst pressure resistance	Stress	Blasting test machine	●	

● Test capability

Rubber Physical Properties and Product Testing Capabilities

Item number	Test project	Test project	Test equipment	Internal testing	Outsourced testing
19	Torsionality	Outer diameter change rate	Aging machine	●	
20	Interlayer peelability	Peel strength	Tensile testing machine	●	
21	Durability (Pulse Pressure)	Outer diameter change rate	Pulse testing machine		●
		Burst pressure			
22	Durability (vibration fatigue)	Outer diameter change rate	Durability Vibration Testing Machine	●	
		Burst pressure			
23	Assembly pull-out force test	Pull-out force	Dynamometer	●	
24	Assembly insertion force test	Insertion force	Dynamometer	●	
25	Environmental Load Substance Testing	Content of hazardous substances			●

● Test equipment

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(Computer tensile testing machine)



(Molybdenum nitride transformer)



(Durometer)



(Oil resistance tester)



(Aging test machine)



(Ozone resistance tester)

● Test equipment



(Low temperature testing machine)



(Blasting pressure machine)



(Vacuum pump)



(Air tightness leakage tester)



(Expansion testing machine)



(Fatigue vibration testing machine)

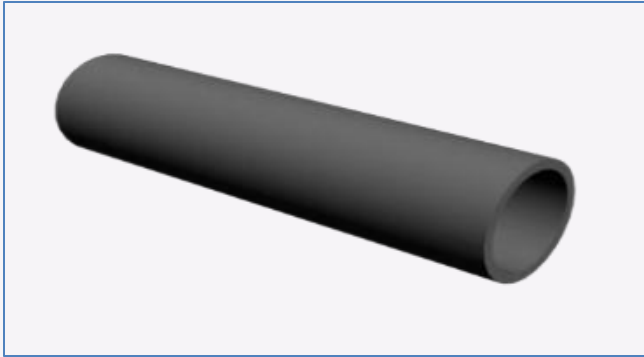
● Customer groups

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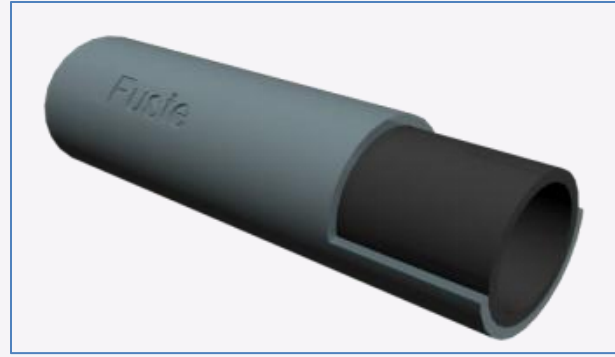


● Product structure

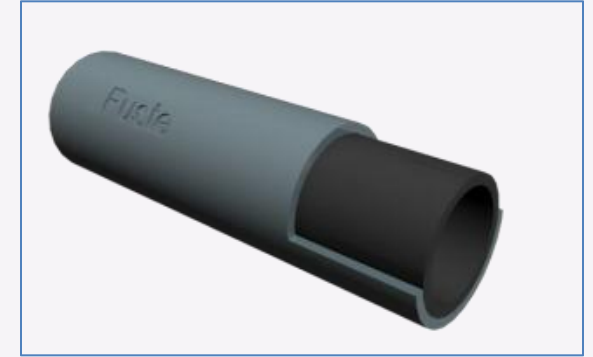
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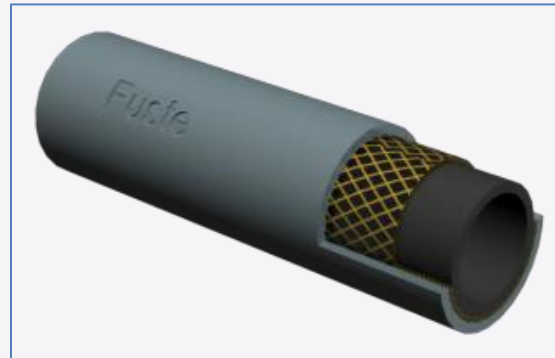
Single-layer oil pipe (NBR+PVC)
Single-layer water pipe (EPDM)
Single layer hose(ECO)



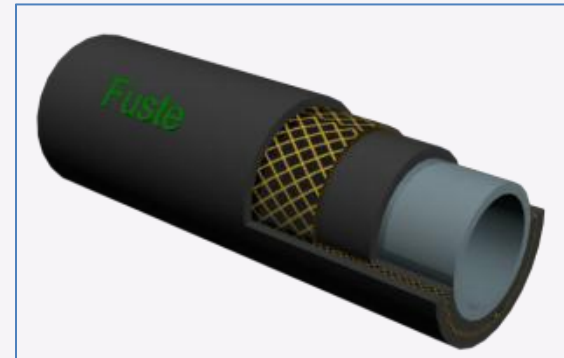
Double-layer oil pipe
(FKM/ECO)
CARB EPA
Double layers hose



(NBR+PVC/CSM)
Double layers hose



Centralized yarn beam



CARB EPA
Quadruple pipe (electric injector pipe)

● Product introduction

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Harness sleeve



air pipe

● Product introduction

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Water pipe

● Product introduction

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Tube oil pipe

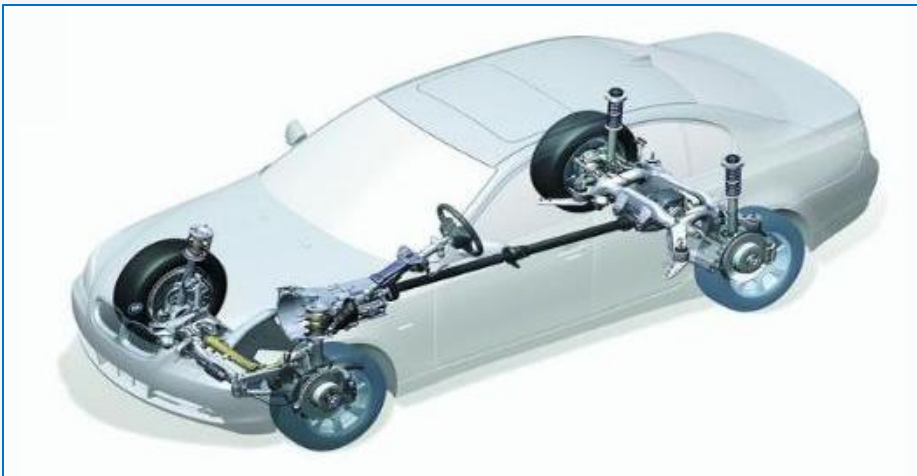
● Product introduction

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CARB EPA YouTube

● Car



(Chassis)

➤ Transmission System:

1. Inlet hose
2. Return hose

➤ Power Steering System:

1. Inlet hose
2. Return hose

➤ Brake System :

1. Return hose
2. Vacuum hose

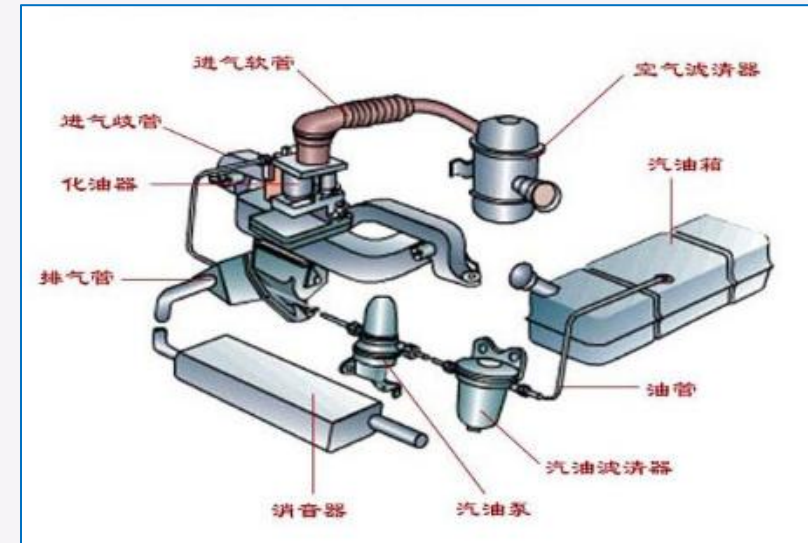
● Car

➤ Fuel Supply System :

1. Suction hose
2. Filler hose
3. Fuel tank inlet hose
4. Fuel tank return hose
5. Fuel filter inlet hose



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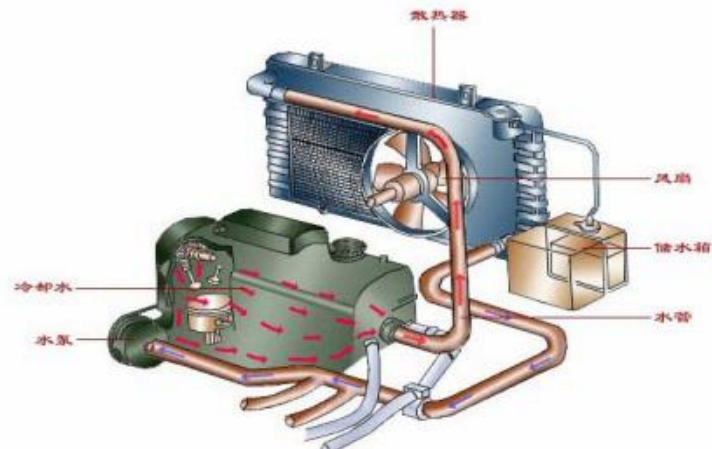
6. Fuel filter return hose
7. Intake hose
8. Exhaust hose
9. Fuel vaporized hose
10. Fuel degassing hose
11. Vacuum control hose

● Car



冷却系组成

水冷却系由散热器、水泵、风扇、冷却水泵和温度调节装置等组成。



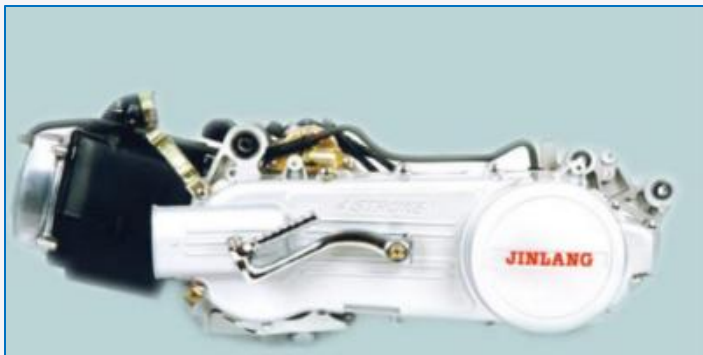
➤ Cooling System :

1. Radiator coolant inlet hose
2. Radiator coolant return hose
3. Auxiliary water hose
4. Connection hose
5. Front Heater I/O hose
6. Back Heater I/O hose
7. Air condition drain hose
8. Skylight drain hose

● Motorcycle engine



1. Fuel line: fuel pipe (supply pipe, overflow pipe), fuel injection pipe
2. Waterway: radiator filler pipe, drain pipe, bypass hose.
3. Airway: vacuum pipe, exhaust pipe, transmission box ventilation pipe, secondary air supply pipe



● General machinery

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1. Fuel line: fuel pipe
2. Airway: exhaust pipe
3. Waterway: pipe



**Thank you for your attention and support to
[Xiamen Fuqite Rubber Technology Co., Ltd.]
We look forward to creating the future with.**

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