



争做世界级的橡胶产品制造商

Strive to be a world-class manufacturer of rubber products

厦门富士特橡胶科技有限公司

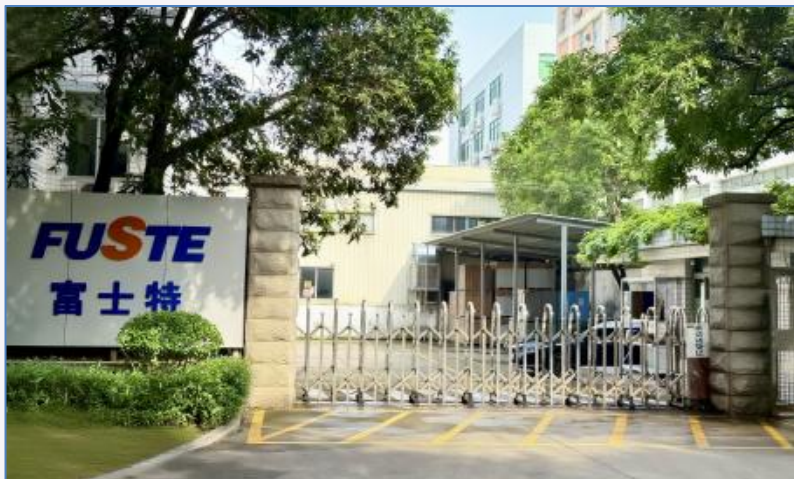
Xiamen Fuste Rubber Technology Co. Ltd

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- ◆ 业务范围 business scope



● 关于我们 About Us

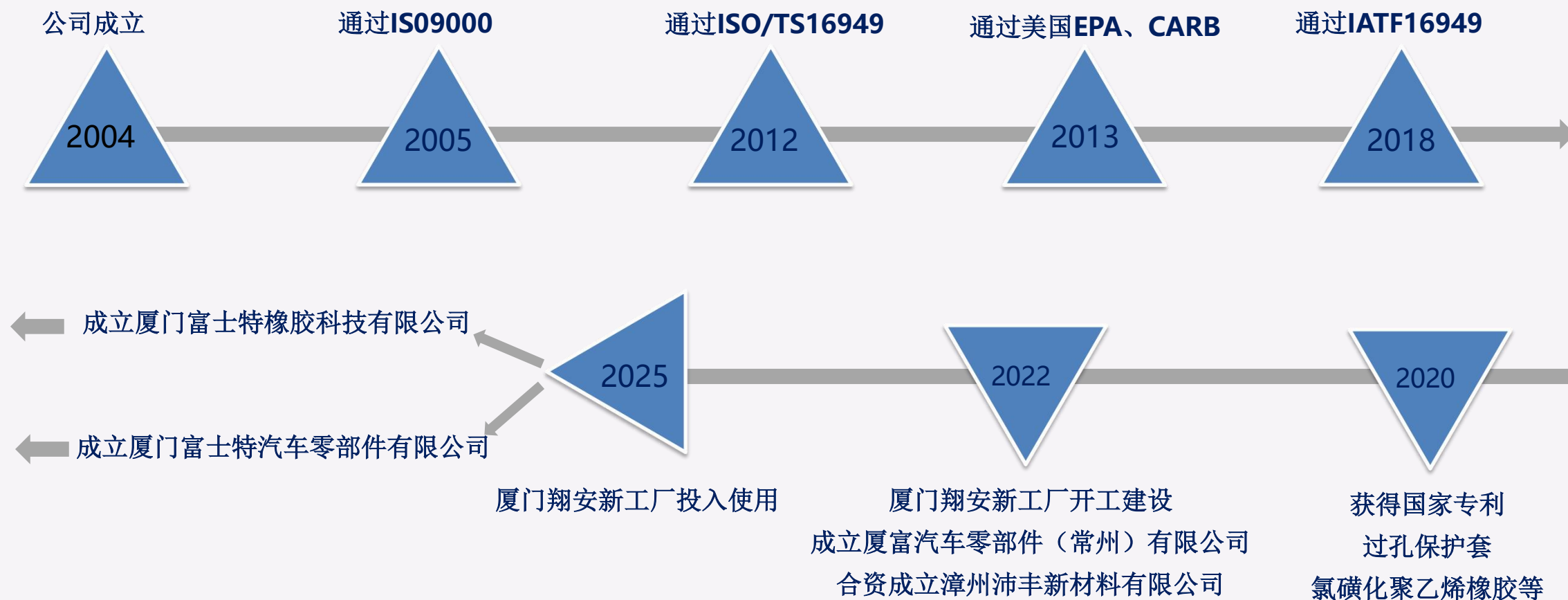


厦门富士特橡胶科技有限公司前身是厦门富士特橡塑有限公司，创建于2004年3月，专业从事挤出和射出橡胶制品的技术研发、生产制造及销售服务，具有EPDM、NBR、ACM、CSM、ECO、FKM等各种材料的配方设计和生产经验，主要为汽车、摩托车、通用机械、航天航空等客户提供橡胶制品的配套服务。

厦门富士特橡胶科技有限公司工厂使用面积7千多平，工厂持续推展6S活动，员工70余人，年生产能力1000吨以上。

● 发展节点 Development node

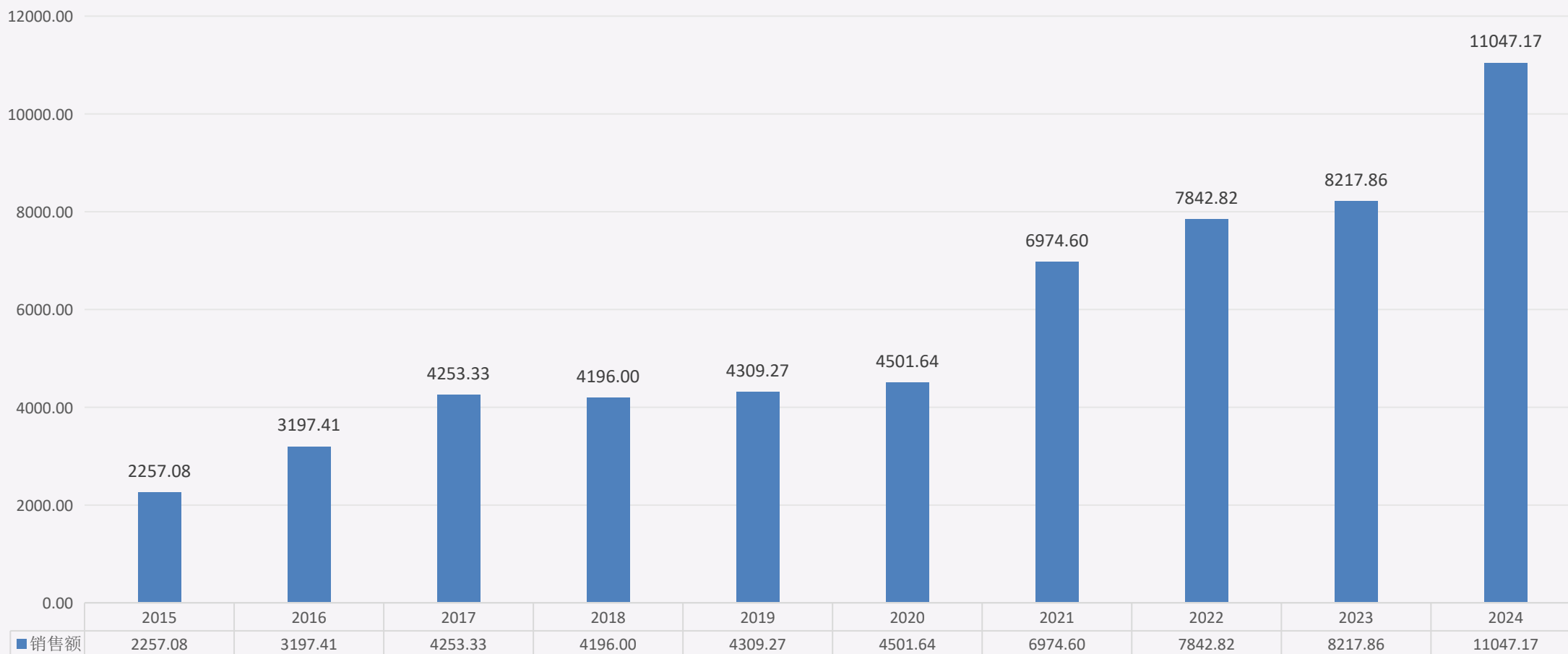
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● 历年销售 Yearly sales

FUSTE

销售额（万元）



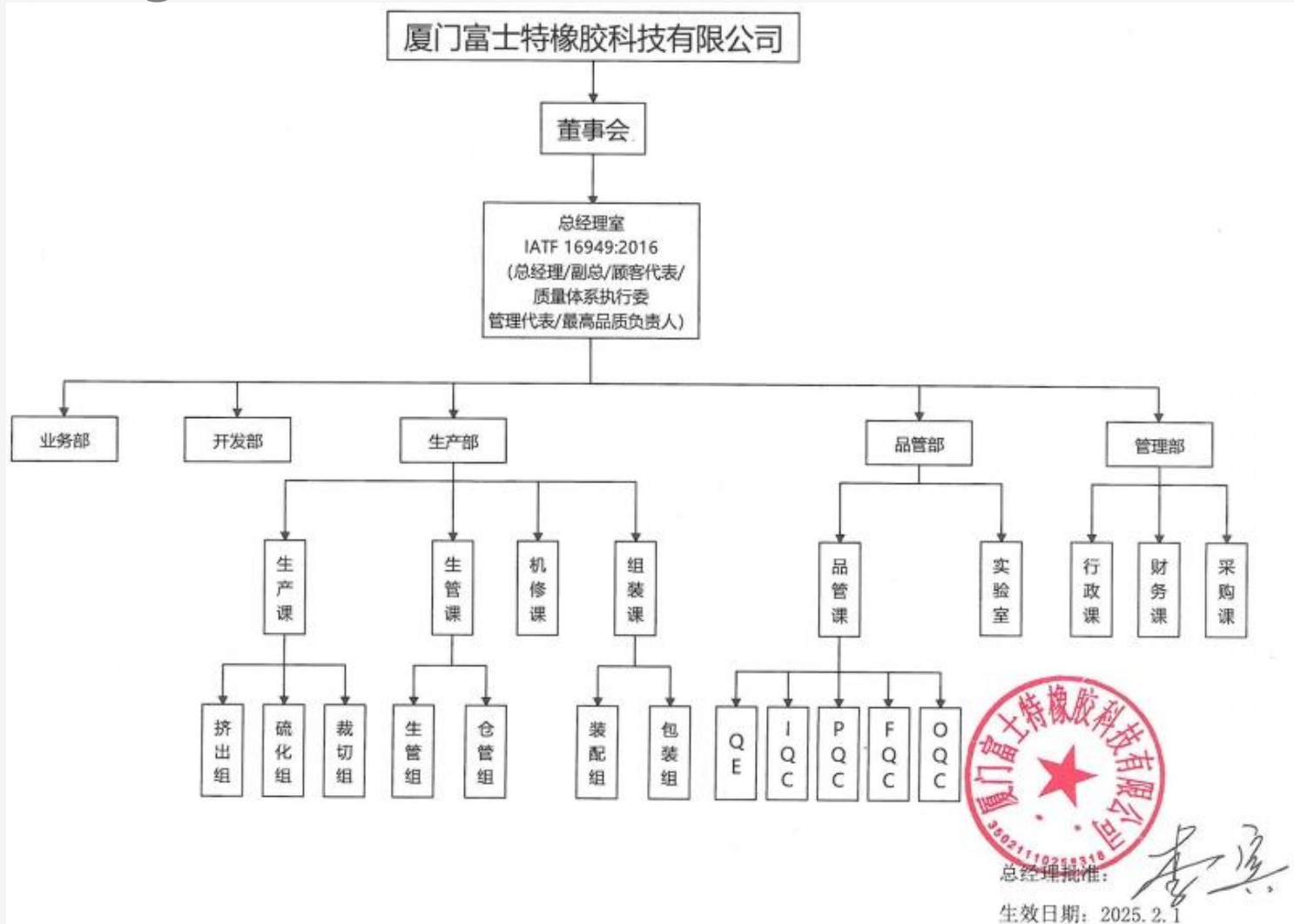
■ 销售额

● 获得奖项 obtain Awards

FUSTE



● 组织架构 Organizational structure



● 认证资质 Certified qualifications

★ 2005年05月

通过ISO9000:2000版质量管理体系认证

★ 2009年09月

通过ISO9001:2008版质量管理体系认证

★ 2011年03月

导入ISO/TS16949:2009版汽车业配套供应链体系

★ 2012年05月

通过ISO/TS16949:2009版质量管理体系认证

★ 2013年03月

我司研发的低渗透油管通过美国EPA认证，并取得EPA证书。

证书号：DXFRPLINEFKM-001

★ 2013年04月

我司研发的低渗透油管通过美国CARB认证，并取得CARB证书。

E0 number: Q-13-013

★ 2018年02月

通过IATF16949:2016版质量管理体系认证

★ 2019年06月

我司研发的低渗透油管通过美国CARB认证，并取得2020年

CARB证书。E0 number: Q-18-024

★ 2022年06月

我司研发的低渗透油管通过美国CARB认证，并取得2023年

CARB证书。E0 number: Q-22-032

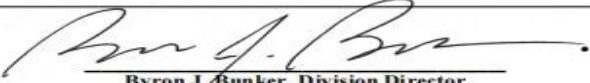
● IATF 16949证书

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● EPA证书

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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:			
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. 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. 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. 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.			

● CARB证书

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

FUSTE



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



(邓白氏注册® 服务是邓白氏公司在全球推广的企业资信展示服务，此证书由邓白氏在华子公司华夏邓白氏荣誉承颁)
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● 产品符合ROHS及REACH要求

FUSTE

SGS

检测报告

编号: CANPC25013623001

日期: 2025 年 06 月 20 日

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客户名称: 厦门富士特橡胶科技有限公司
客户地址: 厦门市集美区园东东路 96 号

样品名称: 胶管
材质牌号: FKMECO
以上样品及信息由客户提供。

SGS 工作编号: XMIN250001045PC01
收样日期: 2025 年 06 月 10 日
检测周期: 2025 年 06 月 10 日 - 2025 年 06 月 20 日
检测要求: 根据客户要求检测
检测方法: 见后页
检测结果: 见后页

检测要求	结论
欧盟 POPs 法规 (EU) 2019/1021 附录 I 及其修正法规 (EU) 2020/784 - 全氟辛酸 (PFDA) 及其盐、全氟辛酸相关物质和全氟辛酸酐 (PFOS) 及其衍生物	符合
欧盟法规 (EC) No 1907/2006 REACH 附录 XVII 及其修正指令 (EU) 2021/1297 第 68 条-C8-C14 PFCA 及其盐和 C8-C14 PFCA 相关物质	符合
545 项全氟和多氟烷基化合物 (PFAS) 含量	见检测结果

通标标准技术服务有限公司广州分公司
授权签名

叶士龙
Arsene Ye 叶士龙
批准签署人



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Test Report (SVHC)

No.: XMINPC25001110630

Date: Jun 10, 2025

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Client Name: Xiamen Fuste Rubber Technology Co., Ltd
Client Address: No. 96, Jinyuan East Road, Jimei District, Xiamen City

Sample Name: NBR+PVC
The above sample(s) and information were provided by the client.

SGS Job No.: XMIN2505001248PC01
Sample Receiving Date: May 19, 2025
Testing Period: May 19, 2025 - May 26, 2025
Test Requested: As requested by client, SVHC in Candidate List screening is performed according to:
(i) Two hundred and forty seven (247) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 21, 2025 regarding Regulation (EC) No 1907/2006 concerning the REACH.
As requested by client, Potential SVHC screening is performed according to:
(i) Three (3) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on and before Feb 28, 2025 regarding Regulation (EC) No 1907/2006 concerning the REACH.
(ii) One (1) potential Substances of Very High Concern (SVHC) in the Identification ongoing.
(iii) Three (3) potential Substances of Very High Concern (SVHC) in the Intention List published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Summary:

1	According to the specified scope and evaluation screening, the results of 247 SVHC in the Candidate List are ≤ 0.1% (w/w) in the submitted sample.	Pass
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Signed for and on behalf of
SGS CSTC Standards Technical Services Co., Ltd. Xiamen Branch

Rae chen

Rae Chen
Approved Signatory



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检测报告

编号: CANPC25013623002

日期: 2025 年 06 月 20 日

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客户名称: 厦门富士特橡胶科技有限公司
客户地址: 厦门市集美区园东东路 96 号

样品名称: 试片
材质牌号: FKM
以上样品及信息由客户提供。

SGS 工作编号: XMIN2506001405PC01
收样日期: 2025 年 06 月 10 日
检测周期: 2025 年 06 月 10 日 - 2025 年 06 月 20 日
检测要求: 根据客户要求检测
检测方法: 见后页
检测结果: 见后页

检测要求	结论
美国环境保护署有毒物质控制法 (TSCA) 第 6 (b) 节规定的持久性、生物累积性和毒性 (PBT) 化学物质	符合

通标标准技术服务有限公司广州分公司
授权签名

叶士龙
Arsene Ye 叶士龙
批准签署人



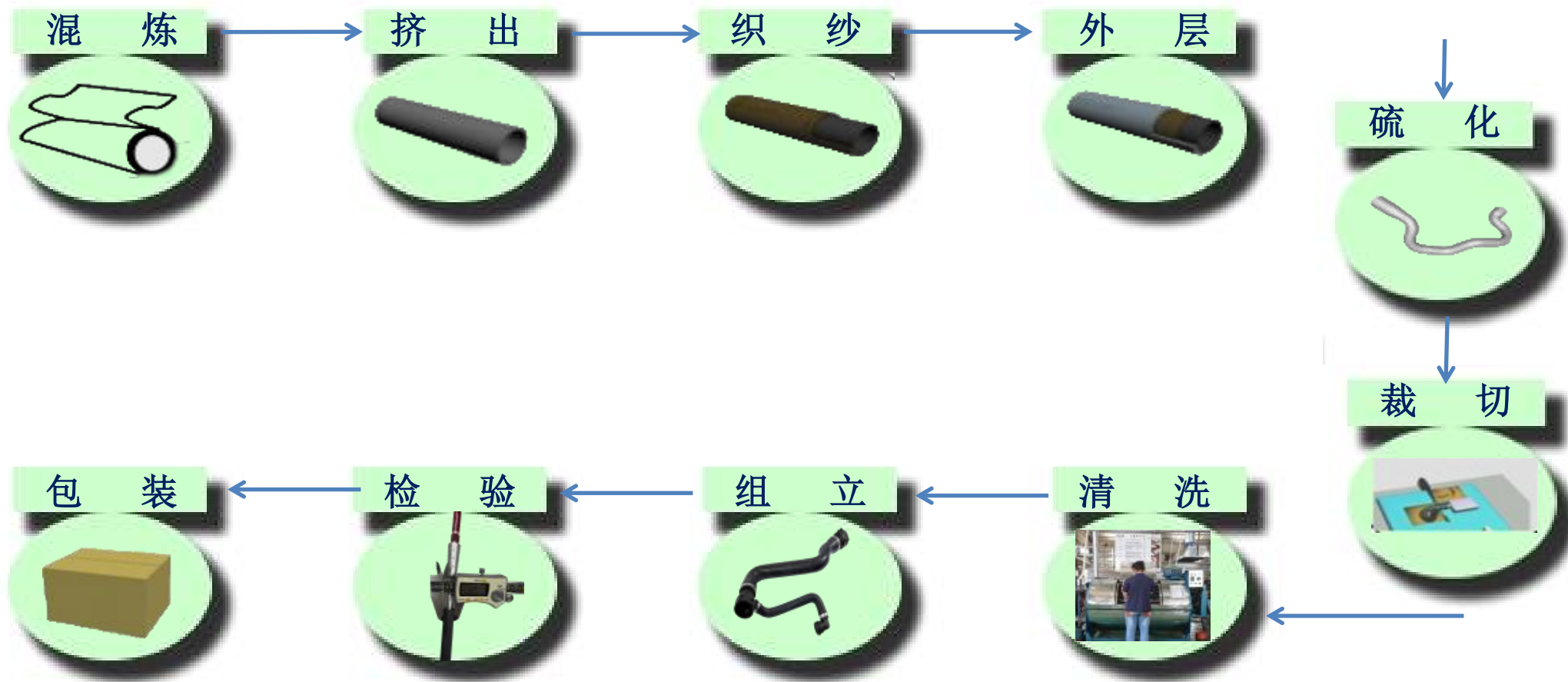
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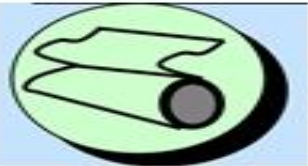
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● 生产工艺流程 Production process flow chart

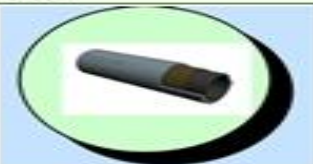


● 过程品质管制 Process quality control

过程品质管制

流程	重点管制特性	重点管制参数	作业员	QC	主管
原料进料 	常态物性	/	/	抽检测试	监查
混炼 	硬度/木尼硫变 成份/重量	混炼温度/电流	自主检查	抽检测试 物性试验 定期检测	监查
挤出 	外观/尺寸	挤出温度	自主检查	抽检	监查
织纱 	外观/ 编织密度	织纱速比	自主检查	抽检	监查
包外层 	外观/尺寸/ 层间粘合	挤出温度	自主检查	抽检	监查

● 过程品质管制 Process quality control

过程品质管制						
流程		重点管制特性	重点管制参数	作业员	QC	主管
包外层		外观/尺寸/ 层间粘合	挤出温度	自主检查	抽检	监查
硫化成型		外观/硬度	硫化温度/ 时间	自主检查	抽检	监查
清洗/裁切		外观/尺寸	清洗时间/ 换水频率	自主检查	抽检	监查
终检包装		外观/尺寸/数 量/标示	/	自主检查	抽检/CPK 制品试验 定期检测	监查
出货		数量/标示	/	自主检查	抽检	监查

● 炼胶设备 Devices for rubber vulcanization



● 自动计量投料设备 Automatic metering feeding device

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● 射出成型设备 Injection molding equipment

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● 挤出设备 Extrusion equipment

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● 织纱设备 Yarn spinning equipment

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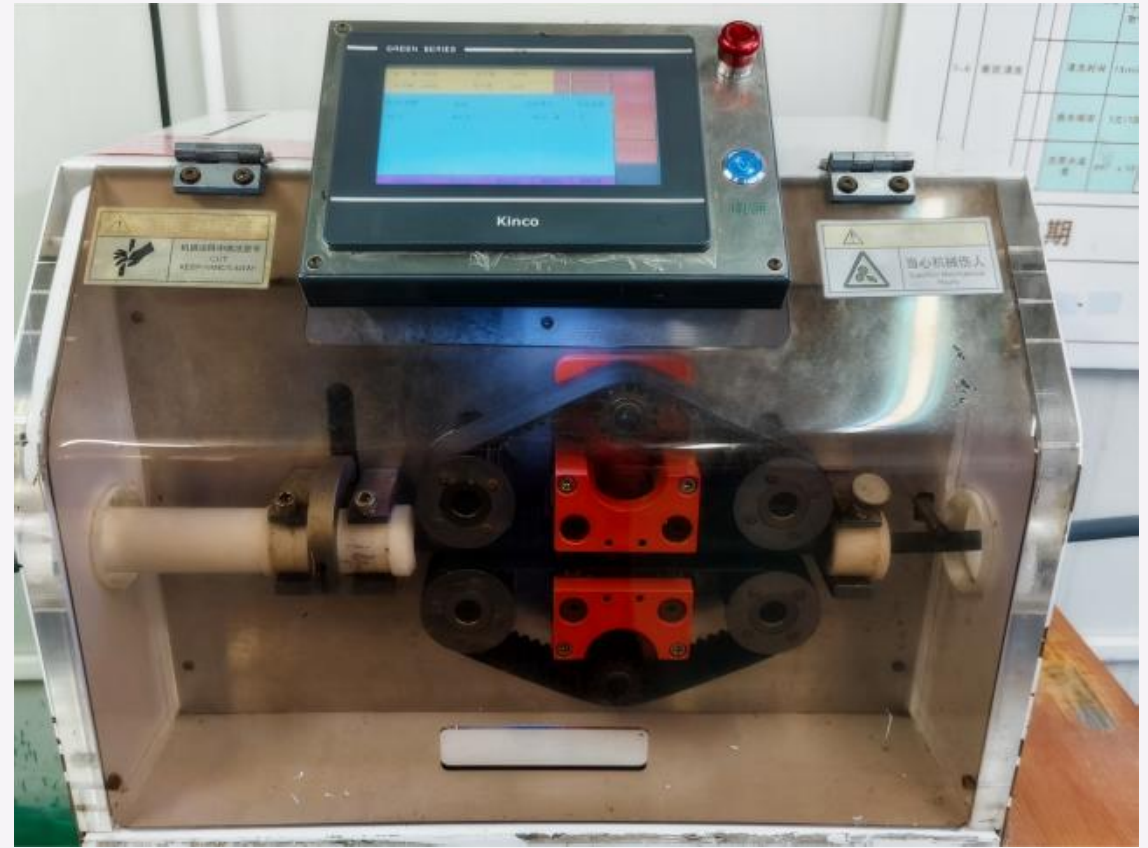
● 加硫设备 Sulphurizing equipment

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● 裁切设备Cutting equipment

FUSTE



● 清洗设备Cleaning equipment

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● 测试能力Test capability

橡胶物性及制品测试能力

项次	测试项目	测试项目	试验设备	内部测试	委外测试
1	常态试验	硬度	硬度计	●	
2		拉力强度	拉力机	●	
3		撕裂强度	拉力机	●	
4		伸长	拉力机	●	
5		比重	比重计	●	
6		材料成份	IR分析仪	●	
7	木尼硫变	TS2	木尼硫变机	●	
8		TC90	木尼硫变机	●	
9	耐热老化	硬度变化	老化机/硬度计	●	
10		拉力强度变化	老化机/拉力机	●	
11		伸长变化	老化机/拉力机	●	
12	耐低温	低温脆化温度	低温试验机	●	
13	耐油性 (ASTM NO. 1/NO. 3/ ATF/ DOT)	硬度变化	老化机/硬度计	●	
14		拉力强度变化	老化机/拉力机	●	
15		伸长变化	老化机/拉力机	●	
16		体积变化	老化机/拉力机	●	
17	耐燃油性 (FUEL C/ CE /CM)	硬度变化	耐油试验箱/硬度计	●	
18		拉力强度变化	耐油试验箱/拉力机	●	
19		伸长变化	耐油试验箱/拉力机	●	
20		体积变化	耐油试验箱/比重计	●	
21		沉淀量抽出性	耐油试验箱/离心机/微量电子称	●	
22		渗透性 (SAE J30)	渗透试验罐	●	
23		渗透性 (SAE I1737)	可调控温控实验室SHED		●

● 测试能力Test capability

橡胶物性及制品测试能力

项次	测试项目	测试项目	试验设备	内部测试	委外测试
24	耐液性 (冷却液/水/ 电解液/酸碱液)	硬度变化	耐液试验箱/硬度计	●	
25		拉力强度变化	耐液试验箱/拉力机	●	
26		伸长变化	耐液试验箱/拉力机	●	
27		体积变化	耐液试验箱/比重计	●	
28	耐压缩永久变形	变形率	老化机/压缩装置	●	
29	耐臭氧	龟裂性	臭氧试验机	●	
30	耐污染性	色泽污染	老化机	●	
31	耐候性	龟裂性	碳弧灯/耐候试验箱		●
32	耐金属腐蚀性	色泽污染	耐油试验箱	●	
33	耐导电性	电阻	导电装置/万用表	●	
34	耐燃烧性	阻燃时间	酒精喷灯	●	
35	气密性	气密泄漏性	气密试验机	●	
36	耐负压	压力	负压机	●	
37	测漏试验	水压泄漏性	测漏试验机	●	
38	耐爆破压力	压力	爆破试验机	●	
39	扭结性	外径变化率	老化机	●	
40	层间剥离性	剥离强度	拉力机	●	
41	耐久性	外径变化率	脉冲试验机		●
42	(脉冲压力)	爆破压力			
43	耐久性	外径变化率	耐久振动试验机	●	
44	(振动疲劳)	爆破压力			
45	装配性拔脱力测试	拔脱力	测力计	●	
46	装配性插入力测试	插入力	测力计	●	
47	环境负荷物质测试	有害物质含量	/		●

● 测试设备 Test equipment

FUSTE



电脑拉力试验机
(Computer tensile testing machine)



木尼硫变机
(Molybdenum nitride transformer)



硬度计
(Durometer)



耐油试验机
(Oil resistance tester)



老化试验机
(Aging test machine)



耐臭氧试验机
(Ozone resistance tester)

● 测试设备 Test equipment

FUSTE



低温试验机
(Low temperature testing machine)



爆破压力机
(Blasting pressure machine)



负压机
(Vacuum pump)



气密测漏机
(Air tightness leakage tester)



扩张试验机
(Expansion testing machine)



疲劳振动试验机
(Fatigue vibration testing machine)

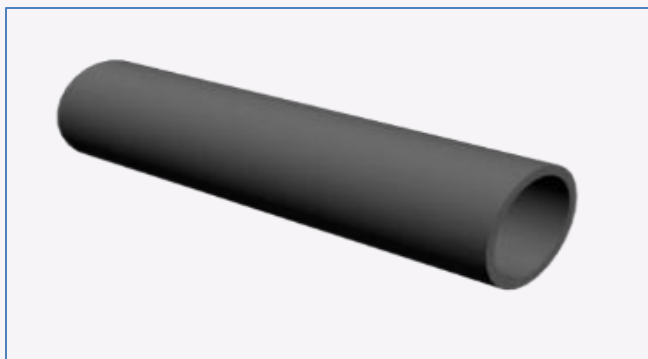
● 客户群体Customer groups

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● 产品结构 Product structure

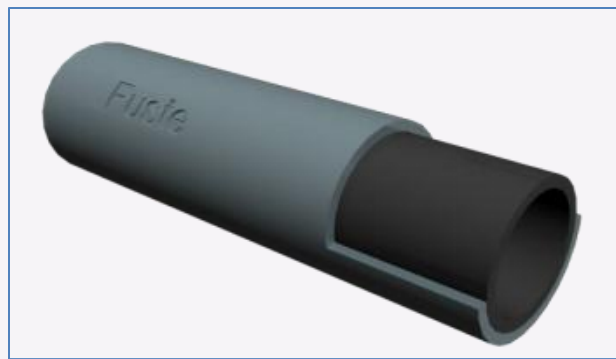
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单层油管 (NBR+PVC)

单层水管 (EPDM) 单层油气管 (ECO)

Single layer hose



双层油管 (FKM/ECO)

CARB EPA

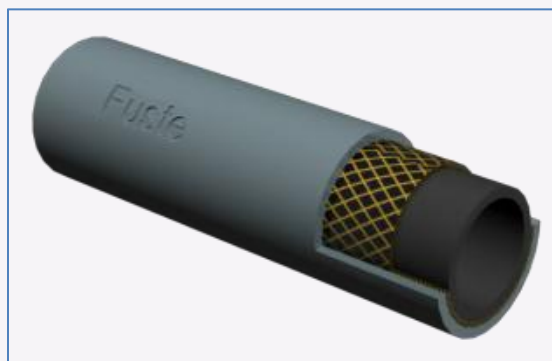
Double layers hose



双层油管

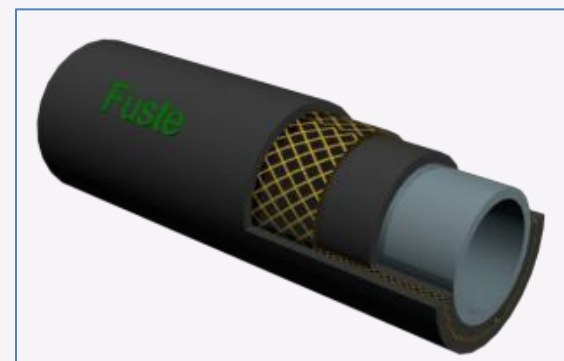
(NBR+PVC/CSM)

Double layers hose



中纱管

Centralized yarn beam



四重管 (电喷管) **CARB EPA**

Quadruple pipe (electric injector pipe)

● 产品介绍 Product introduction

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线束护套
Harness sleeve



空气导管
air pipe

● 产品介绍 Product introduction

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水管
Water pipe

● 产品介绍 Product introduction

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CARB EPA 油管
Tube oil pipe

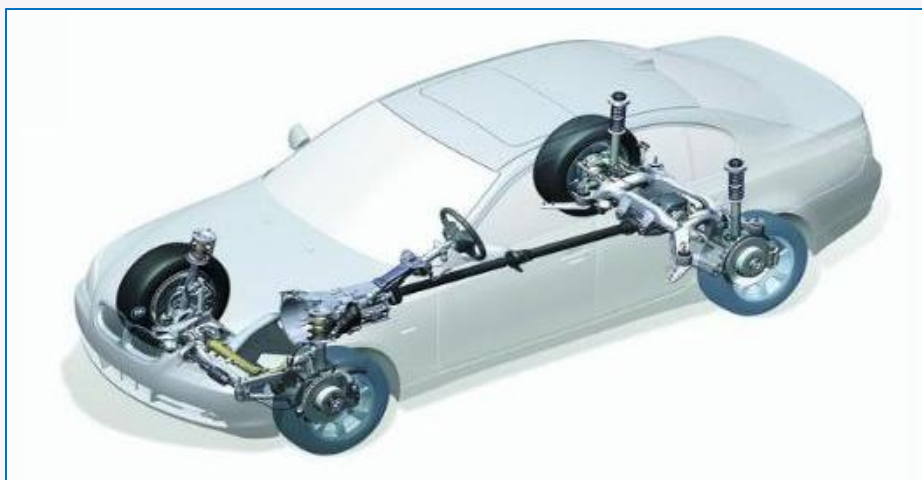
● 产品介绍 Product introduction

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CARB EPA 油管
Tube oil pipe

● 汽车Car



汽车底盘
(Chassis)

➤ 传动系 Transmission System:

1. 自动变速箱冷却进油软管 Inlet hose
2. 自动变速箱冷却出油软管 Return hose

➤ 转向系Power Steering System:

1. 动力转向进油管 Inlet hose
2. 动力转向回油管 Return hose

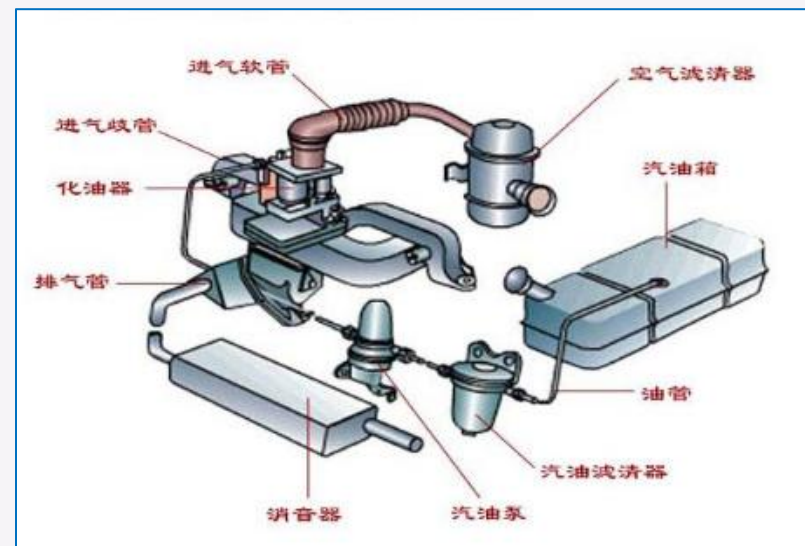
➤ 制动系Brake System :

1. 离合器回油管 Return hose
2. 真空助力器软管 Vacuum hose

● 汽车Car

➤ 燃油供给系 Fuel Supply System :

- 1.油箱吸油管 Suction hose
- 2.油箱加油管 Filler hose
- 3.油箱供油软管 Fuel tank inlet hose
- 4.油箱回油软管 Fuel tank return hose
- 5.燃油滤供油软管 Fuel filter inlet hose



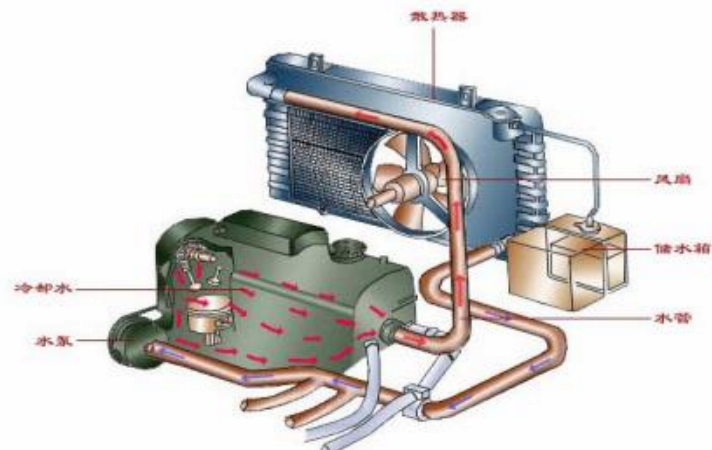
- 6.燃油滤回油软管 Fuel filter return hose
- 7.进气软管 Intake hose
- 8.排气软管 Exhaust hose
- 9.燃油蒸发管 Fuel vaporized hose
- 10.加油除气软管 Fuel degassing hose
- 11.真空控制软管 Vacuum control hose

● 汽车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。



➤ 冷却系Cooling System :

- 1.散热器进水软管 Radiator coolant inlet hose
- 2.散热器出水软管 Radiator coolant return hose
- 3.副水箱回水胶管 Auxiliary water hose
- 4.回水连接胶管 Connection hose
- 5.前暖风进出水胶管 Front Heater I/O hose
- 6.后暖风进出水胶管 Back Heater I/O hose
- 7.空调排水软管 Air condition drain hose
- 8.天窗排水胶管 Skylight drain hose

● 摩托车发动机Motorcycle engine



1.油路： 燃油管（供油管，溢流管），电喷管

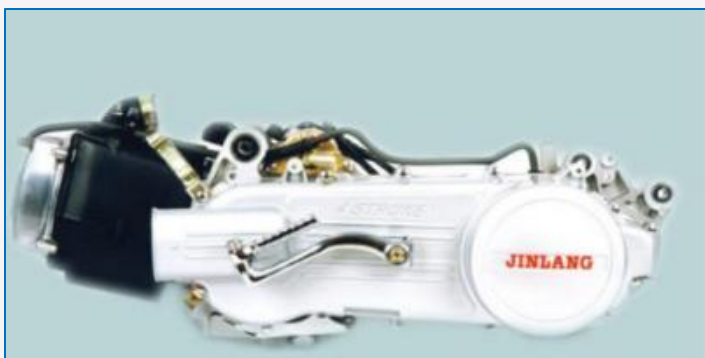
Fuel line: fuel pipe (supply pipe, overflow pipe), fuel injection pipe

2.水路： 散热器填充管，排水管，旁路软管

Waterway: radiator filler pipe, drain pipe, bypass hose.

3.气路： 真空管，排气管，传动箱通气管，二次补气管

Airway: vacuum pipe, exhaust pipe, transmission box ventilation pipe, secondary air supply pipe



● 通用机械General machinery

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- | | | |
|-------|-----|----------------------|
| 1.油路: | 燃油管 | Fuel line: fuel pipe |
| 2.气路: | 排气管 | Airway: exhaust pipe |
| 3.水路: | 水管 | Waterway: pipe |



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We look forward to creating the future with.

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