

20X16X2MM Injector O-ring Technical File

SKU: G1L32367030400



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20X16X2MM Injector O-ring Technical File

1. 20X16X2MM Injector O-ring Introduction

1.1. 20X16X2MM Injector O-ring Basic Information

Title	20X16X2MM Injector O-ring	Quality
SKU	G1L32367030400	China Made New

1.2. 20X16X2MM Injector O-ring Common Part Number

(1) Injector O-ring Compatible With Injector Part Number

Injector Part Number	Injector Part Number	Injector Part Number
295050-0200	295050-0460	295050-0460

(2) Injector O-ring Application Information

Engine Model	OE Number
1KD-FTV	23670-30400

(3) Injector O-ring Part Number Common Writing

/

1.3. 20X16X2MM Injector O-ring Parameter

Adaptation System: Common Rail System

Injector O-ring Series: G3 Series

Injector O-ring Type: Electromagnetic

1.4. 20X16X2MM Injector O-ring Specifications and Dimensions

Injector O-ring Size: Outer Diameter 20mm, Inner Diameter 16mm, Diameter 2mm

Injector O-ring Net Weight: 0.03g

Injector O-ring Gross Weight: 30g

Injector O-ring Quality: China Made New

Injector O-ring Box Size: 10*cm* 10cm *1cm

Injector O-ring Type: High Pressure Common Rail Injector O-ring

Injector O-ring MOQ: 100 Pieces

1.5. 20X16X2MM Injector O-ring Quality Control

(1) Injector O-ring Testing

All injector O-rings are tested for electrical characteristics, accuracy, high temperature, low temperature, withstand voltage, leakage, durability, and various working conditions.

(2) Injector O-ring Assembling

Quality control during the production and installation of injector O-rings is strictly enforced by our company in accordance with standard product installation data and procedures. This includes testing the

injector O-ring stroke, tightening the injector O-ring torque, and tightening the injector O-ring and injector nozzle torque.

(3) Injector O-ring Inspection

The factory inspection of the injector O-ring has undergone three inspections: full inspection, random inspection, and batch inspection. Different brands of test benches are used to test the same injector O-ring for more than three times for factory inspection, and the injector O-ring installation testing environment are progressed in dust-free workshop.

1.6. 20X16X2MM Injector O-ring Customized Service

(1) Injector O-ring Customized Service: Meet the customized needs of OEM manufacturers for body engraving, logo engraving, internal packaging of injector O-rings, external packaging of injector O-rings, and labels.



(2) Injector O-ring Customized Service Requirements:

Customized injector O-ring packages no less than 10 pieces

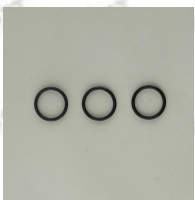
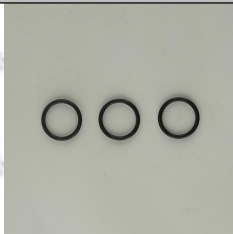
Customized injector O-ring sales are not less than 1000 pieces

When the customized products involve the need of specify logo, the OEM manufacturer needs to provide trademark authorization and the sample of logo image file.

⚠ Once the customized injector O-ring is sold, it cannot be returned or exchanged if there is no quality problems.

1.7. 20X16X2MM Injector O-ring Packing List and Package Size

(1) Injector O-ring Spare Parts List

No.	1	2	3
Image			
Name	Injector O-ring Assembly	Housing O-ring Diameter Dimensions	Housing O-ring Inner Diameter
Description	/	Diameter measured 2mm	Inner diameter measured 16mm

No.	4	5	6
Image		/	/
Name	Injector Housing O-ring Outer Diameter	/	/
Description	Outer diameter measured 20mm	/	/

⚠ Minors are prohibited from using injector O-ring assemblies, VCI rust-proof papers to prevent personal injury.

⚠ The injector O-ring is a one-time installation accessory and needs to be replaced when reinstalling.

⚠ VCI rust-proof papers are made of non-degradable materials and should be disposed of properly after use.

(2) Injector O-ring Box Size



No.	Name	Injector O-ring Packing Size(cm)
1	Injector O-ring Packaging Box	10*10*1

1.8. 20X16X2MM Injector O-ring Testing Standard and Certificate

We can provide the factory quality inspection test report of each injector O-ring to ensure that each injector O-ring delivered meets the engine performance indicators.

BOTEN		测试报告		4.05.2019 10:42:09	
承修企业: _____					
电话: _____		地址: _____			
传真: _____		检测人: _____			
客户地址: _____		送检单位: _____			
电话: _____		客户姓名: _____			
传真: _____		检测日期: _____			
检测项目: _____					
检测名称: 喷油器					
型号-零件号: _____					
检测地点: _____					
检测结果					
送检规格: C95000-0511					
	检测项目	检测结果	标准值	公差范围	合格/不合格
LEAK TEST:	0.8	0.8	0.5	0.8 ± 0.3	✓
Back:	0.8	0.8	0.5	0.8 ± 0.3	✓
WIPER:	0.8	0.8	0.5	0.8 ± 0.3	✗
Max:	20.0	20.0	20.0	20.0 ± 0.5	✓
TL:	20.0	20.0	20.0	20.0 ± 0.5	✓
EL:	14.0	14.0	14.0	14.0 ± 0.5	✓
VE:	0.2	0.2	0.2	0.2 ± 0.1	✓
检测人: _____ 检测日期: _____					

1.9. 20X16X2MM Injector O-ring Warranty Instructions

(1) Product Warranty Conditions and Instructions

It is necessary to provide pictures, videos, or test reports detected by the injector O-ring inspection equipment when the injector O-ring is abnormal during use as evidence to feed back to the salesman. Abnormal conditions are properly explained such as: 1. Smoke, 2. Engine shake, 3. Difficulty starting the engine, 4. Engine noise, 5. oil leakage etc.

(2) Injector O-ring Warranty Coverage

Within 15 days after customer receives the 20X16X2MM injector O-ring, if there is a performance failure and the product has no appearance damage, customer can choose to replace it or repair it;

If the 20X16X2MM injector O-ring has performance problems during the warranty period (6-12 months), and it is confirmed that it is product's problems after testing, you can contact our salesmen to replace the same model or a reworked product with the same performance for free;

If the injector O-ring house has obvious scratches, it can only be repaired and it will be returned as it is

if the product is confirmed to be fault-free.

▲ **Tips:** For products not covered by warranty, our company can provide paid maintenance services. For products after paid repaired, the same performance problem will have a free warranty period within 3 months from the date of repairing.

(3) Injector O-ring Out of Warranty Coverage

- ① The warranty period has expired.
- ② Injector O-ring failure caused by high temperature, high pressure, humidity, rain and snow, saline-alkali land, earthquake, and used in abnormal environment.
- ③ Customer disassembles or repairs the injector O-ring personally resulting in damage to the injector O-ring.
- ④ Injector O-ring damage caused by man-made reasons (throwing, strong magnetic field magnetization, set fire).
- ⑤ Injector O-ring failure or injector O-ring damage caused by non-injector O-ring design, technology, manufacturing, quality, and other issues.
- ⑥ Injector O-ring failure due to system pressure exceeding system approved pressure.
- ⑦ Injector O-ring failure caused by system voltage exceeding approved voltage.
- ⑧ Injector O-ring failure caused by impurities (water, lead, aluminum powder, iron powder, sulfide) in the system fuel exceeding the standard requirements.
- ⑨ Injector O-ring failure caused by not installing according to the tightening torque specified in the vehicle engine maintenance manual (the tightening torque is too large or too small).
- ⑩ Injector O-ring failure caused by not following the installation angle specified in the vehicle engine maintenance manual.
- ⑪ Injector O-ring failure caused by not following the cleaning requirements specified in the vehicle engine maintenance manual.
- ⑫ Injector O-ring failure caused by failure to replace consumable parts as specified in the vehicle engine maintenance manual.
- ⑬ Injector O-ring failure caused by not complying with the intake system fit clearance and exhaust system fit clearance requirements specified in the vehicle engine maintenance manual.
- ⑭ Failure to replace the consumable parts and the fitting clearance of the oil inlet system pipeline and the injector O-ring connection in accordance with the fuel intake system specified in the vehicle engine maintenance manual.

1.10. 20X16X2MM Injector O-ring Manufacturer

Injector O-ring Manufacturer: Shenzhen Shumatt Technology Co., Ltd

2. 20X16X2MM Injector O-ring Technical Support

2.1. 20X16X2MM Injector O-ring Technical Support Obtaining Methods

- (1) Injector O-ring Technical File , visit <http://shumatt.com> to get the technical file.
- (2) Injector O-ring Technical Videos

Facebook: Visit <https://www.facebook.com/hison.li> to get the technical videos, constantly follow can get more information.

YouTube: https://www.youtube.com/channel/UCByvYBx7VjV_mAfxh_Hu-aw to get the technical videos, constantly follow can get more information.

Shumatt: Visit <http://shumatt.com> to get the technical videos.

(3) Injector O-ring Information Query Software

TruckBook Parts EPC APP, Android/Apple App Store download and install, visit <http://shumatt.com> to get the download and installation tutorial

(4) Search the Injector O-ring Test Data Through TruckBook Parts EPC APP.

3.20X16X2MM Injector O-ring Purchase and Delivery

3.1.20X16X2MM Injector O-ring Purchase Payment Term

Payment Terms: T/T, PayPal, Alipay, WeChat

▲ Please contact our salesmen for specific payment information.

3.2.20X16X2MM Injector O-ring Main Sales Markets

Injector O-ring main sales markets: Asia, Europe, North America, South America, Africa etc.

3.3.20X16X2MM Injector O-ring Declaration Requirements

Shumatt can assist customers to provide the following documents for import customs clearance: contract, invoice, packing list, bill of lading, insurance policy, certificate of origin, etc.

3.4. 20X16X2MM Injector O-ring Shipping Ways

Destination in China areas: SF Express, Debon Express, the corresponding logistics company can be provided according to customer requirements in special cases.

Destinations out of China's areas: DHL, UPS, FedEx, TNT air, ocean or other shipping methods required by customers.

3.5. 20X16X2MM Injector O-ring Lead time

Lead time: Send out within 3 – 7 working days after receiving payment (Except for special products and special cases) .

3.6. 20X16X2MM Injector O-ring Logistics Time for Destination Out of China's Areas

DHL Logistics Time :

Country or Region of Departure	Hong Kong, China	Other Countries or Regions of Asia	Australia and New Zealand	Europe	America	Other Countries
China's Mainland	7 Days	7 Days	8 Days	8 Days	8-12 Days	7-10 Days

UPS Logistics Time: Country or Region of Departure: China's Mainland

Country of Destination	Estimated Arrival Time	Country of Destination	Estimated Arrival Time	Country of Destination	Estimated Arrival Time
Japan	3 Days	UK	5-7Days	Egypt	5-7 Days
Turkey	5-7 Days	Singapore	3 Days	Switzerland	5-7 Days
Bahrain	5-7 Days	Latvia	7-10 Days	New Zealand	7-10 Days
Sri Lanka	5-7 Days	Thailand	3 Days	Austria	5-7 Days
Romania	5-7 Days	Vietnam	3-5 Days	Estonia	5-7 Days

Malaysia	3-5 Days	Israel	5-7 Days	Mexico	7-10 Days
France	5-7 Days	America	5-7 Days	United Arab Emirates	5-7 Days
Italy	5-7 Days	Netherlands	5-7 Days	Bengal	7-10 Days
Lebanon	5-7 Days	Philippine	3-5 Days	Greece	7-10 Days
South Korea	3 Days	Spain	5-7 Days	Myanmar	5-7 Days
Canada	5-7 Days	Germany	5-7 Days	Saudi Arabia	7-10 Days
Portugal	5-7 Days	Australia	5-7 Days	South Africa	7-10 Days
Denmark	5-7 Days	Belgium	5-7 Days	Ukraine	7-10 Days
India	7-10 Days	Qatar	7-10 Days	Poland	5-7 Days
Indonesia	3-5 Days	Morocco	7-10 Days	Pakistan	7-10 Days
Kuwait	7-10 Days	/	/	/	/

▲ The logistics time is for reference only , subjects are according to the actual arrival.

3.7. 20X16X2MM Injector O-ring Packing

Domestic express packaging: Usually wrapped in waterproof scotch tape, such as picture No.1.

International express packaging: Wrapped with waterproof yellow tape After wrapping the black protective film, such as picture No. 2.

Pallet Shipping: Use fumigation free and recycling trays that meet export requirements, and use white wrapping protective film to wrap and bind with cable ties for the outside, such as picture No. 3, also, the products can be packaged according to customers' requirements.

▲ The packing tray is made of plastic and can be recycled.

▲ Transparent tape, yellow tape, black wrapping protective film, white wrapping protective film are non-degradable materials, please dispose of them properly.

▲ Minors are prohibited from using transparent tape, yellow tape, black wrapping protective film, and white wrapping protective film to avoid personal injury.

No.	1	2	3
Image			
Name	Domestic Express Packaging	International Express Packaging	Pallet Shipping
Description	Wrapped by transparent tape	Wrapped with yellow tape after wrapping black protective film	Use pallet that meet export requirements, and use white wrapping protective film to wrap and bind with cable ties

4.20X16X2MM Injector O-ring Storage Standard

(1) Choose a suitable storage place

The warehouse and cargo yard where the injector O-ring is stored should be kept clean and dry, and away from the factory buildings that generate harmful gases and dust; do not mix with acids, alkalis, salts and other substances; the storage place should have a good drainage system; the cargo yard should be flattened with gravel or furnace ash etc. to enhance the water permeability of the surface layer to keep the reservoir area dry.

(2) Strict requirements of warehousing

Strict inspections should be carried out when the injector O-rings are put into storage, the surface cleaning work should be done well to remove water traces, oil stains, ash and other dirt, remove the rust and do anti-rust treatment in time. Packaged injector O-ring must be protected from damage.

(3) Keep the warehouse dry and preventing moisture

The relative humidity is usually below 70% for the injector O-rings placed in the room, and the corrosion of the injector O-rings is significantly reduced.

Injector O-ring s must be stored in the warehouse, and they are forbidden to store in the same warehouse with commodities with high water content.

(4) Stack Properly

After the injector O-ring is exposed to rain, the corrosion rate will increase significantly. The purpose of sealing is to isolate the injector O-ring from rainwater and humid air, so the warehouse window should be checked in time to avoid rainwater entering the warehouse

If the injector O-ring package is damaged, it should be repaired or replaced; when the package is damp, the packaging material should be dried; if the original anti-corrosion and oil applied at the factory is found to be damaged or dried up, it should be cleaned and re-applied oil in time.

- ▲ It is forbidden to leave the injector O-ring exposed in the air for a long time.
- ▲ It is forbidden to store acid, alkali, salt and other substances together with the injector O-ring.
- ▲ The unpacked injector O-ring must be rust-proof during secondary storage.

5. Company Information



5.1. Company Introduction

Chinese Name: 深圳市舒马特科技有限公司

English Name: Shenzhen Shumatt Technology Co., Ltd

 **Mob Phone/WeChat:** +86-13410541523

 **HK Telephone:** +852-67653519

 **Telephone:** +86-755-23215133

 **Email:** ruby@shumatt.com

 **Website:** www.shumatt.com

 **Shenzhen Office:** 11-12, Floor 14, Building 13, Qinchengda Building, Exit A, Honglang North Subway Station, Bao'an District, Shenzhen, China's Mainland

 **Shenzhen Office:** Exit C, Qiao Touxu Metro Station, NO. 66 Chongqing Road, Fuhai Avenue, Bao'an District, Shenzhen, China Mainland

 **Hong Kong Office:** Jianfa Street Industrial Zone, Tuen Mun, New Territories, Hong Kong, China

 **After-sales Service Address:** Please contact our salesmen to obtain and provide the corresponding product maintenance reasons (Reference: [1.9. 20X16X2MM Injector O-ring Warranty Instructions](#))

5.2. Salesmen's Contact Information

No.	Name	WeChat/WhatsApp	Email
1	Ruby	+86-13410541523	ruby@shumatt.com
2	Ivy	+86-18025299821	sales@shumatt.com
3	Rebecca	+86-18025349821	sales01@shumatt.com
4	Janny	+86-18028749821	sales02@shumatt.com
5	Sam	+86-13316859821	Sales8@shumatt.com
6	Natalie	+86- 18938945856	sales15@shumatt.com
7	Ada	+86-1342286353	sales5@shumatt.com
8	Hison Li	+86-18318811871	web@shumatt.com
9	Mecca	+86-18938948618	sales11@shumatt.com
10	Eric	+86 18319033618	sales3@shumatt.com
11	Wayne (Joaquín en español)	+86-13316959821	wayne@shumatt.com
12	Sylvia	+86 18312499884	sales6@shumatt.com
Visit http://shumatt.com to obtain the latest information of salesmen			
PS: Shumatt's salesmen's emails are all end with @shumatt.com			

Mob/WhatsApp: +86 13410541523

Email : ruby@shumatt.com

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Tel: +8675523215133

Website : www.shumatt.com

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