

产品简介

PRODUCTS PROFILE

欢迎关注抖音

中国（香港）中野集团有限公司

CHINA FREELAND GROUP LIMITED

沈阳中野密封件制造厂

SHENYANG ZHONGYE SEALS FACTORY

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About Us

Welcome to ***Shenyang Zhongye Seals Factory***



Our company was founded in 2000 and is one of the leading suppliers of high performance semi-finished and machined components in the China.We have the machinery, knowledge and experience to manufacture and supply both standard and bespoke solutions in engineering plastics for our customers.

2000 - The founder of the company began to engage in the production and manufacture of hydraulic seals.

2002 - We independently developed the cutting technology of the PTFE guide strip, which improved the production efficiency.

2004 - The founder founded a company named "Shenyang Zhongye Seals Factory".

2008 - The PTFE workshop is put into use. Start production of PTFE sheet, tube, rod, film, gasket, packing and seal tape



2012 - Become a member of China Fluoroplastics Association.

2016 - The company has obtained GB / T19001-2008 / ISO9001:2008.

2018 - The company introduced intelligent management system.

2019 - We start export our PTFE product to worldwide.

2021 - We have export our PTFE product more than 8 countries, such as Australia,Mexico,Russian,Brazil,India etc.

We are a professional manufacturing enterprise.The area of factory is over 10000 ㎡ and the construction area is about 6000 ㎡, mainly producing Hydraulic Seals, PTFE Products, PEEK Products & Nylon Products.

We had formed unique design style and processing technology its own after many years' practice. Deeply favorite by the customs because of our high-quality , cheap price products and short supply cycle.

Since 2007, we have been using ERP and MASTER automatic management system. More than 320 production equipment, such as turning machine,CNC lathes,moulding machine and injection molding machine, have achieved information automation

PTFE Rod & Tube

Extruded rod & tube, moulded & skived PTFE sheet & tape are manufactured to the highest quality and using our materials range, products are available in a wide variety of filled grades.

We provide a variety of products for applications in many industries, including:

- Aerospace
- Electronics
- Oil & Gas
- Medical & Pharmaceutical
- Transportation
- Chemical



Specialising in high quality PTFE compression extruded rod and moulded tube, we offer a wide range of diameters and lengths suitable for today's modern machining.

PTFE Extrusion

- Rod: Diameter 5mm - 300mm, 1000mm,2000mm length

Compression Moulding

To produce tube lengths to 200mm we use a unique process for low stress material for high precision machining within a narrow tolerance band.

The raw materials for the Tube can be:

- PTFE
- PTFE+Bronze
- PTFE+MoS2
- PTFE+carbon fiber
- PTFE+Glass fiber
- PTFE+Graphite

Size:

- Tube: 20mm – 500mm OD at 200mm High..



PTFE Sheet

As one of the largest China manufacturers of semi-finished virgin and filled PTFE sheet we ensure each product is tailored to meet customer requirements.



Our extensive range of PTFE sheets includes moulded, skived ; available in a variety of thicknesses. A fast turnaround service is available on non stock items and same day dispatch on all standard stock items.
Using our in-house services all items can be supplied chemically etched on one or both sides.

Skived Tape

- 0.3mm - 6mm thick, max width 2000mm
- Available in continuous rolls, cut sheets or slit to a specific width
- Filled grades can be manufactured up to 2000mm wide

Moulded Sheets

- 8mm - 100mm thick to a maximum size of 2000mm2
- Sheets may be supplied as cut pieces or machined into







Guide Element

1. Guide strip

Our Guide strip(GST) is designed in adherence with industry norms using the best quality raw material and cutting edge technology under the supervision of our adroit professionals. Apart from this, we provide this strip in diversified sizes, designs and specifications to our valuable clients at market leading rates.

Features:

Free of stick slip

High extrusion resistance

Material:

PTFE+ Bronze compound



Item	Specification	Tolerance
Thickness (mm)	**1 ~ 5**	**- 0.08 ~ 0**
Width (Specification)	**6~ 50**	**-0.15 ~ 0**

2. Guide Ring:

ZYT:

Material: PTFE + bronze

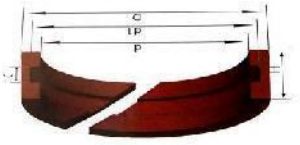
Temperature	Speed m/s	Medium	Size
- 55 ~ 225 ℃	15	Hydraulic oil, emulsion, water	customized



ZYA:

Material: PA, POM, PTFE + bronze

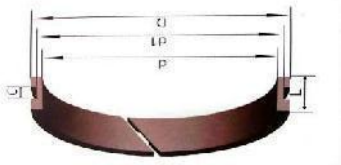
Temperature	Speed m/s	Medium	Size
- 55 ~ 225 ℃	3	Hydraulic oil, emulsion, water	customized



ZYI:

Material: PA, POM, PTFE + bronze

Temperature	Speed m/s	Medium	Size
- 55 ~ 225 ℃	3	Hydraulic oil, emulsion, water	customized



3. Phenolic Fabric Guide Strip

Materials: Phenolic resin + Fabric

Applicable to the guiding of piston and piston rod of hydraulic cylinder and air cylinder, has the function of supporting and guiding. The guide strips with the thickness which equal to or greater than 2mm, double sided embossing could be provided, the embossing structure is conducive to the formation of lubrication micro-pit, improve micro lubrication, at the same time, it is helpful to embed tiny foreign objects and protect the sealing system.

Stand Thickness:

1.5	2	2.5	3	3.175	3.5	4	4.5	5



Stand Groove Width:

5.6/6.3/8/9.7/10/12/13/14/15/15.9/19.05/20/25/25.4/30/35/40/50/50.8

Piston Seal

TYPE	DWG	Pressure ≤MPa	Speed ≤m/s	Temp. ℃	Material	Application
GSF		63	5	-54 ~ +200	Filled PTFE +NBR/FKM	Mobile hydraulics,Standard cylinders Machine tools Injection moulding machines Presse
GSF-S		60	5	-54 ~ +200	Filled PTFE +NBR/FKM	Ceramic machine,Heavy duty cylinders Injection moulding machines Presses,Steel hydraulic
GSD		60	5	-54 ~ +200	Filled PTFE +NBR/FKM	Standard cylinders,Ceramic machine Machine tools,Mobile hydraulics Presses
OK		50	1	-30 ~ +110	Filled PTFE +NBR	Heavy duty cylinders
SPG		35	1.5	-30 ~ +200	Filled PTFE +NBR/FKM	Excavators.Standard cylinders Mobile hydraulics,Presses
SPGC		35	1.5	-30 ~ +200	Filled PTFE +NBR/FKM	Standard cylinders construction machinery
SPGO		35	1.5	-30 ~ +200	Filled PTFE +NBR/FKM	Excavators.Standard cylinders Mobile hydraulics,Presses
SPGW		50	1.5	-30 ~ +100	Filled PTFE +POM/PA +NBR/FKM	Excavators.Standard cylinders Mobile hydraulics,Presses
DAS		40	0.5	-30 ~ +100	Filled PTFE +NBR/PU +POM/ PA	Standard cylinders Holding cylinders Agricultural machinery
GDKK		45	1	-30 ~ +200	PA/Filled PTFE +Filled PTFE +NBR/FKM	High fluid resistance and wide temperature range Heavy duty cylinders Presses
AQ		40	2	-30 ~ +200	Filled PTFE +NBR/FKM	Standard cylinders Piston accumulators Presses
AQ5		60	3	-30 ~ +200	Filled PTFE +NBR/FKM	Mobile hydraulics Holding cylinders Piston accumulators
YXD		32	1.5	-40 ~ +200	PU/NBR/FKM	Standard cylinders Machine tools Injection moulding machines Presses
KYD		40	1.5	-40 ~ +120	PU/NBR/FKM	Standard cylinders Machine tools Injection moulding Machines Presses
L-TTYPE Packing Bowl		32	1.5	-40 ~ +80	NBR/PU/FKM	Standard cylinders

Rod Seal

TYPE	DWG	Pressure ≤MPa	Speed ≤m/s	Temp. ℃	Material	Application
GSJ		63	5	-54 ~ +200	Filled PTFE +NBR/FKM	Mobile hydraulics ,Standard cylinders Machine tools Injection moulding machines Presses
GSJ-S		60	5	-45 ~ +200	Filled PTFE +NBR/FKM	Mobile hydraulics ,Standard cylinders Machine tools Injection moulding machines Presses
GSI		60	5	-45 ~ +200	Filled PTFE +NBR/FKM	Special cylinders,Pumps and valves Machine tools Robotics Servo equipment
SPN		35	1.5	-30 ~ +200	Filled PTFE +NBR/FKM	Excavators Standard cylinders Mobile hydraulics Presses
SPNC		35	1.5	-30 ~ +200	Filled PTFE +NBR/FKM	Valve stem Mini Hydraulic
SPNO		35	1.5	-30 ~ +200	Filled PTFE +NBR/FKM	Excavators Standard cylinders Mobile hydraulics Presses
YXd		32	1.5	-40 ~ +200	PU/NBR/FKM	Mobile hydraulics Standard cylinders Machine tools Injection moulding machines Presses
KYd		40	1.5	-40 ~ +120	PU/NBR/FKM	Mobile hydraulics Standard cylinders Machine tools Injection moulding machines Presses
YA		32	0.5	-40 ~ +80 -40 ~ +120	TPU CPU	Agricultural machinery
HBY		50	1	-30 ~ +110	Filled PTFE NBR/PU	Excavators Standard cylinders Mobile hydraulics Presses

Scraper Seal

TYPE	DWG	Pressure ≤MPa	Speed ≤m/s	Temp. ℃	Material	Application
GSZ		–	5	-54 ~ +180	Filled PTFE NBR/FKM	Ceramic machine Heavy duty cylinders Injection moulding machines Presses ,Steel hydraulic
PT1		–	5	-54 ~ +180	Filled PTFE NBR/FKM	Large cylinders Presses Injection moulding machines Agricultural machinery, Mills
PT2		–	5	-30 ~ +200	Filled PTFE NBR/FKM	Presses Injection moulding machines Steel hydraulic, Mills
DKB		–	1	-40 ~ +120	PU +Steel	Excavators,Loaders Agricultural machinery Mining trucks
DKBI		–	1	-40 ~ +120	PU +Steel	Excavators,Loaders Agricultural machinery Mining trucks
CK		–	1	-40 ~ +80	NBR/PU	Excavators,Loaders Agricultural machinery Mining trucks
LBH		–	1	-40 ~ +100	PU	Industrial hydraulic Machine tools Presses
ZZHM		32	1	-40 ~ +100	TPU	Industrial hydraulic Machine tools Presses
FA		–	1	-40 ~ +110	PU/NBR	Industrial hydraulic Machine tools Presses
FB		–	0.5	-30 ~ +100	NBR +Metal	Industrial hydraulic Machine tools Presses
FC		–	0.8	-40 ~ +80	NBR/PU	Industrial hydraulic Machine tools Presses
J-type		–	2	-40 ~ +200	PU/NBR/FKM	Industrial hydraulic Machine tools Presses
J-ultrath in		–	2	-40 ~ +200	PU/NBR/FKM	Industrial hydraulic Machine tools Presses

Piston and Rod Seal

TYPE	DWG	Pressure ≤MPa	Speed ≤m/s	Temp. ℃	Material	Application
UN (UPH)		32	0.5	-40 ~ +120	PU	Mobile hydraulics,Standard cylinders Machine tools Injection moulding machines,Presses
V-Packing		60	0.5	-40 ~ +200	NBR Fabric/FKM /PU/PTFE	Steel hydraulic Ceramic machine Heavy duty cylinders Presses Mills

Rotary Seal

TYPE	DWG	Pressure ≤MPa	Speed ≤m/s	Temp. ℃	Material	Application
GNS		30	2	-40 ~ +200	Filled PTFE +NBR/FKM	Rotary distributors Pivoting motors Mobile hydraulics Machine tools
GRS		30	2	-40 ~ +200	Filled PTFE +NBR/FKM	Rotary distributors Pivoting motors Mobile hydraulics Machine tools
VDA		-	15	-40 ~ +200	NBR/FKM	All rubber seal for rotary shafts.
VDS		-	15	-40 ~ +200	NBR/FKM	All rubber seal for rotary shafts.
TC Oil Seal		0.03	20	-40 ~ +200	NBR/FKM	Wide use range in all field

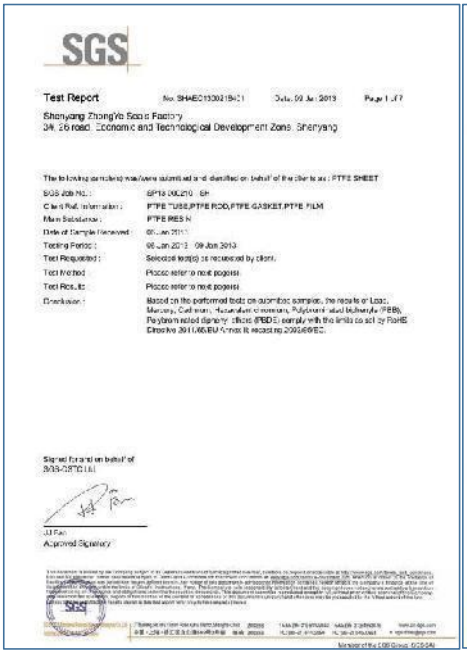
Spring Enegrized Seal



Others Product

- Nylon sheet
- Nylon Rod
- Nylon Tube
- POM sheet
- POM rod
- POM tube
- PEEK sheet
- PEEK rod
- PEEK tube

Certificate and Test Report


SGS

Test Report

Shenyang ZhongYe Seals Factory


测 试 报 告

Test Report

委托方信息/Applicant Information

样品信息/Sample Information


Guangdong Electronic & Electrical Products Inspection and Supervision Institute

No.: CGEL20080675

Test Report

Product name: Polytetrafluorethylene

Model: Sf-P

Model covered with: /

Applicant: Chengdu Seefar Rubber plastics Co., LTD

Address: Xindu industry road Chengdu city SiChuan province

Manufacturer: Chengdu Seefar Rubber plastics Co., LTD

Trademark: Seefar

Date of receipt: 2008-08-19

Date of test: 2008-08-19 to 2008-08-22

Ambient temperature and humidity: 24℃~25℃, 64~65% RH

Test Requested: As specified by applicant, determination of the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr^{6+}), PBB (polybrominated biphenyls) and PBDE (Polybrominated diphenylethers) content of the product according with the requirement of RoHS.

Test Standards: EPA Method 3052/2005, EPA Method 3540C:1996, EPA Method 3052:1996, EPA Method 3060A:1996, EPA Method 7196A:1992

Conclusions: The test results refer to page 3~4.

Test engineer:

Reviewed by:

Authorized by:

Issued Date:

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