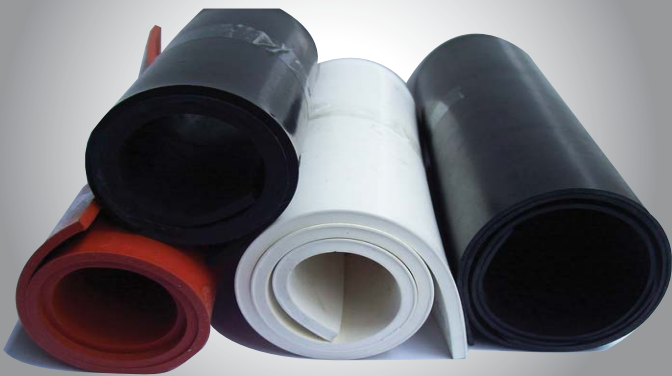




High Performance Rubber & Elastomer Sealing



O-RING



ENCAPSULATED O-RING

KALREZ O-RING

The following information and examples will enable you to order the correct O- ring and back up ring to meet specific requirement.for particularly critical application including these requiring FEP encapsulated O ring we recommend that you state the following details to enable us to ensure suitability :

How to Order O -ring

- Pressures ,Pressure media.
- Operating temperature,Static or Dynamic operation.
- Housing type, Tolerances, Size.



O-RING KITS



These three boxed kits represent excellent value for money in terms of quantity and convenience. Each kits has been carefully assemble for maintenance engineers and equipment refurbishers who need a good selection of rings constantly available to suit many industrial applications. The boxes are designed to withstand industrial maintenance activities, and have partitions to hold all items separately and securely. From the kit layouts users can readily see when they are running low on a particular size of ring

Oring sealing kit-metric size
Box containing nitrile (NBR) of 70 IRHD
404 O ring in total
In 30 sizes ranging from 3mm ID
x2mm section up to 45mmIDx4mm section

Oring sealing kit- inch size
Box containing nitrile (NBR) of 70 IRHD
382 O ring in total.
In 30size ranging from1/8"x1/16"
section up to 1- 3/4"IDx3/16" section.

O-RING CORD



We Supplier a large selection of O ring cord in metric and inch cross sections in the following elastomers :

- FR 10/80 Fluorocarbon (80 IRHD)
- PB 70 Nitrile (70 IRHD)
- EP21/E/80 Ethylene-propylene (80 IRHD)
- GN/W/70 Neoprene(70 IRHD)

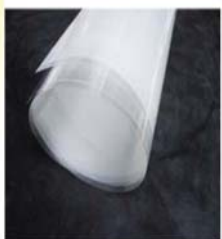
Standard cross section			
Metric		inch	
1.6	mm	1/16"	
1.78	mm	0.070"	
2.0	mm		
2.4	mm	3/32"	
2.62	mm	0.103"	
3.0	mm		
3.18	mm	1/8"	
3.53	mm	0.139"	
4.0	mm	5/32"	
4.5	mm		
4.76	mm	3/16"	
5.0	mm		
5.33	mm	0.210"	
5.7	mm		
6.0	mm		
6.35	mm	1/4"	
6.99	mm	0.275"	
8.0	mm	5/16"	
8.73	mm	11/32"	
9.5	mm	3/8"	
10	mm		
10.32	mm	13/32"	
11.11	mm	7/16"	
11.91	mm	15/32"	
12.7	mm	1/2"	

Service kit - O ring cord

Box containing tools and nitrile (NBR) elastomer O ring cord of 70 IRHD
14 off 2m lengths : diameter
1.78mm (0.070") 2.0mm, 2.4mm, 2.62mm (0.103"), 3mm, 3.5mm(0.138"), 4.0mm, 4.5mm, 5.0mm,5.33mm(0.210"), 5.7mm, 6.0mm, 6.99 (0.275") , 8.0mm
Tape measure, retractable blade knif, splicing aid &adhesive for forming ring
Full instructions
5.0 mm5.33 mm0.210"
5.7 mm6.0 mm



RUBBER

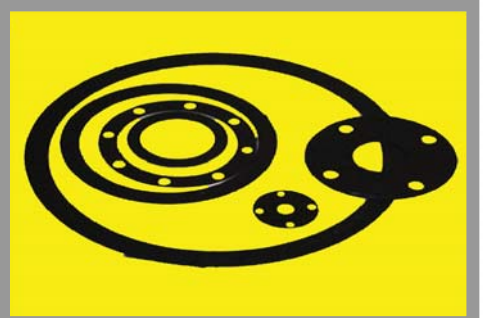


We are the one company who is imported the Rubber Sheet from overseas such as NR, NBR, IIP, FKM etc. See more types of Rubber sheet as the following table

- 1 .We always control the quality of Rubber sheet which we have imported.
- 2 .We choose the Rubber Sheet which the best quality for customers.
- 3 .The Rubber Sheet which we imported is in the best quality.

Material	Dimension		Temperature
	Thick (mm)	width(M) x length(M).	℃
NR	1.5-6.0	(1.0,1.2)x10	70-120
BR	1.0-10.0	(1.0,1.2)x10	70-120
SBR	1.0-10.0	(1.0,1.2)x10	70-120
NBR	1.0-10.0	(1.0,1.2)x10	90-130
IIR	3.0-5.0	(1.0,1.2,1.4)x10	110-150
EPDM	1.0-10.0	(1.0,1.2)x10	110-150
CR	1.0-10.0	(1.0,1.2)x10	100-150
CSM	1.0-10.0	(1.0,1.2)x10	110-150
FKM	1.0-5.0	(1.0)X10	200-300
ACM	1.0-10.0	(1.0,1.2)x10	150-190
VMQ	1.0-10.0	(1.0)X10	200-280

MADE TO ORDER



We also made to order for customer required such as Rubber Flange, rubber tube, Rubber Casting Roller, roller, Bush, etc. We accept all orders even though small quantities or big quantities. We have a facility shop for support all of gasket jobs, so the delivery will be fast.



Roller

Vacuum Plate

FOAM & SPONG RUBBER



ยางขอบกระจก, ขอบอลูมิเนียม

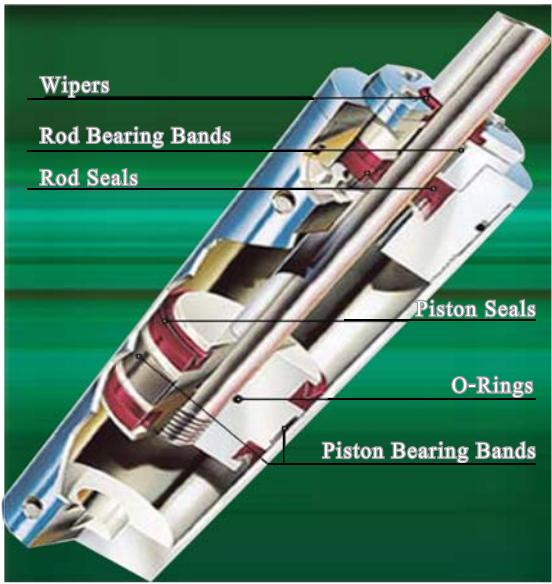


ตารางการเลือกใช้ Rubber & Elastomer

TABLE ASTM DIVE CLASS	NR	BR	SBR	NBR	IIR	EPDM	CR	CSM	FKM	ACM	PU	VMQ
Application hardness range Hs	20-100	30-100	30-100	30-100	20-80	30-90	30-90	30-90	60-90	40-80	30-100	30-90
Tensile Strength Kg/Cm	30-300	30-200	30-200	30-200	30-150	30-200	30-250	30-200	70-150	30-120	150-450	30-80
Resilience	Excellent	Excellent	Good	Fair	Fair	Good	Excellent	Good	Fair	Fair	Excellent	Excellent
Abraqasion resistance	Excellent	Excellent	Good	Good	Fair	Good	Good	Good	Good	Good	Excellent	Fair
Weather resistance	Fair	Fair	Fair	Fair	Excellent	Excellent	Good	Excellent	Good	Good	Good	Excellent
Ozone resistance	Fair	Fair	Fair	Fair	Excellent	Excellent	Good	Excellent	Good	Good	Good	Excellent
Heat resistance												
Temperature (C) Maximum	120	120	120	130	150	150	150	150	300	190	80	280
Temperature (C) Continuous	70	70	70	90	110	110	100	110	200	150	70	200
Low Temperature resistance												
lowest Temperature	-40	-40	-40	-20	-40	-40	-20	-20	-20	-10	-20	-80
Electrical resistance	Excellent	Excellent	Excellent	Fair	Excellent	Excellent	Good	Good	Good	Fair	Good	Excellent
Gas permeability resistance	Fair	Poor	Fair	Good	Excellent	Poor	Good	Excellent	Excellent	Good	Good	Poor
Water resistance	Good	Good	Good	Good	Excellent	Good	Good	Excellent	Excellent	Fair	Fair	Good
Oil, Gasoline resistance	Poor	Poor	Poor	Excellent	Poor	Poor	Good	Good	Excellent	Excellent	Excellent	Good
Animal, Vegetable oil resistance	Good	Good	Good	Excellent	Excellent	Good	Good	Good	Good	Excellent	Good	Good
Fluid resistance												
Paraffinic solvent	Poor	Poor	Poor	Excellent	Poor	Poor	Good	Good	Excellent	Excellent	Good	Fair
Aromatic solvent	Poor	Poor	Poor	Fair	Poor	Poor	Poor	Poor	Excellent	Poor	Poor	Poor
Ketone and ester	Fair	Fair	Fair	Poor	Good	Good	Poor	Poor	Poor	Poor	Poor	Good
Acidity resistance												
Dulute Acid	Good	Good	Good	Good	Excellent	Excellent	Good	Excellent	Excellent	Fair	Fair	Excellent
Concentrate Acid	Fair	Fair	Fair	Fair	Excellent	Excellent	Good	Excellent	Excellent	Fair	Poor	Excellent
Alkalinity resistance	Good	Good	Good	Good	Good	Good	Good	Good	Fair	Fair	Poor	Fair

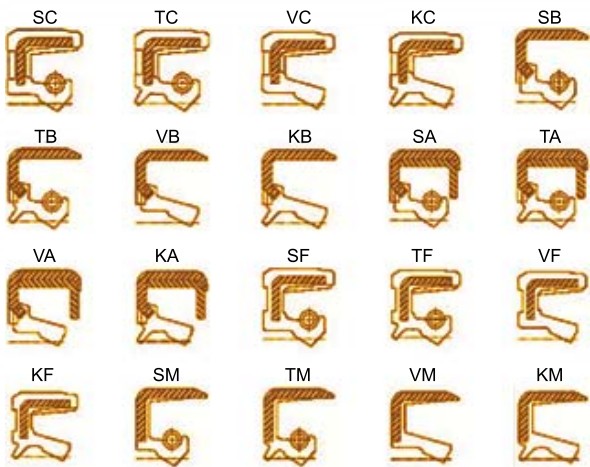
Natural Rubber (NR) / Butadiene Rubber (BR) / Styrene Butadiene Rubber (SBR) / Nitrile Rubber (NBR) / Butyl Rubber (IIR) / Ethylene Propylene Rubber (EPDM) / Chloroprene Rubber (CR) / Hypalon (CSM) / Fluoroelastomer (FKM) / Polyacrylic Rubber(ACM) / Urethane Rubber (PU) / Silicone Rubber(VMQ)

OIL & HYDRAULIC SEAL



James Walker is the worldwide one-stop-shop for all hydraulic sealing requirements. Our family of hydraulic sealing components provides the optimum sealing solutions for almost every hydraulic application - from the most accurate instruments and control actuators up to the heaviest forging and extrusion presses.

Profile	Type	Max Pressure Bar	Temperature Range C	Max Speed m/sec	Standard Material
	PU	350	100 30	0.5	NITRILE / NYLON
	PW	500	100 30	1.5	P.T.F.E / N.B.R
	PT	350	100 30	1.5	P.T.F.E / N.B.R.
	PQ	350	100 30	4	P.T.F.E / N.B.R.



ITEM	MATERIAL	TEMPERATURE	PRESSURE
		(C)	(kg / cm2)
PISTON SEAL	PTFE+NY+NBR	- 30 TO +120	500
ROD SEAL	POLYURETHANE	- 30 TO +100	350
BUFFER SEAL	1. PTFE+NBR 2. PU+POM 3. PTFE+NBR+NY	- 30 TO +100	
WEAR RING	1. PTFE+CARBON FIBRE 2. NY+MO82	- 20 TO +100	
WEAR RING	FABRIC REINFORCED PHENOLIC	- 20 TO +120	
DUST SEAL	PU+IRON	- 30 TO +100	
SEAL	1. FKM+IRON 2. XNBR+IRON	- 20 TO +150 - 30 TO +125	

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