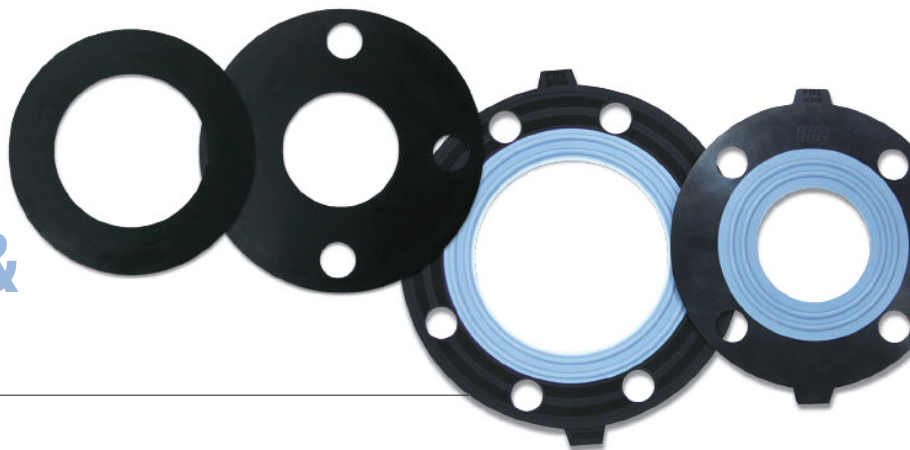


Rubber Sheets & Gaskets



JIC 9000 / 9001

[Characteristic]

Elastomeric gaskets provide excellent compressibility & recovery and have relatively soft compression characteristics and can show good sealing performance even under low stress load.

Recommend varying types of elastomers to be suitable for required diverse operating chemicals and temperature.

탄력있는 고무재질로 압축, 복원성, 작업성이 좋고 낮은 체부압에서도 안정적인 Sealing 성능을 유지하는 고무시트 가스켓, 각종 기관의 Flange기구 등의 가스켓으로 유체의 종류에 맞는 재질을 선정하여야 한다.

[Application]

Maximum Service Temp.	Depending on elastomers used.
Maximum Service Pressure	10kgf/cm ² (150psi)
Materials	NR, NBR, CR, EPDM, SL, SBR, VITON, BUTYL
Size	1/32"(0.8mm), 1/16"(1.5mm), 1/8"(3.0mm), 3/16"(5.0mm)

* Other Sizes can be available , if required

[Typical Physical Properties]

Code	Typical Properties	Temp.range(°C)
NR	Natural Rubber (Excellent mechanical properties)	-20 ~ 100
NBR	Acrylonitrile Butadiene Rubber (Excellent oil resistance)	-30 ~ 120
CR (NEOPRENE)	Chloroprene Rubber (Excellent weather, ozone, heat & flame resistance)	-30 ~ 120
EPDM	Ethylene Propylene Diene Monomer (Excellent ageing & ozone resistance)	-40 ~ 150
SL (SILICONE)	Silicone Rubber (Excellent in heat, cold & chemical resistance)	-60 ~ 200
SBR	Styrene Butadiene Rubber (Excellent in ageing & abrasion resistance)	-20 ~ 100
FKM (VITON)	Fluoroelastomer (Superior in heat, oil & chemical resistance)	-20 ~ 200
IIR (BUTYL)	Isobutylene Isoprene Rubber (Excellent ozone, weather, electricity resistance)	-40 ~ 120

JIC 9010-EPDM

[Characteristic]

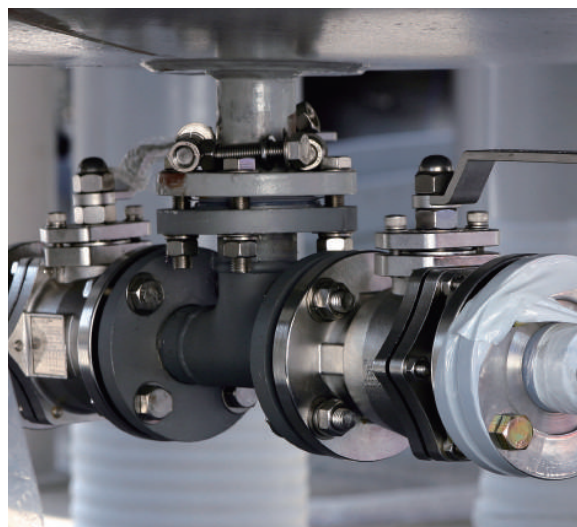
The composition of JIC 9010 is integrated EPDM with pressurized and heated Fluoroplastic film and characteristic of rubber elasticity and PTFE heat and chemical resistance perform excellent sealing ability. Industrial fields requiring high cleanliness and purification in electronics, food, pharmaceutical etc.

EPDM고무를 중심재로 해서 불소 수지 필름을 가압 가열 성형하고, 일체형으로 밀착시킨 가스켓으로 고무의 탄성과 PTFE의 내열성, 내약품성을 겸하여 갖추고 있으며, Sealing이 우수한 가스켓.전자, 식품, 의약 제품과 같이 높은 청결성이 요구되는 산업 분야.

[Application]

Maximum Service Temp.	-30~150°C
Maximum Service Pressure	20kgf/cm ² (300psi)
Materials	EPDM
Size	1/32"(0.8mm), 1/16"(1.5mm), 1/8"(3.0mm), 3/16"(5.0mm)

* Other Sizes can be available , if required



Rubber Sheets & Gaskets

[Products Description]

JIC 900 -  - 

Material Codes

Normal Type : 0 / Serrated Type : 1

Products symbols

NR / NBR / CR(NEOPRENE) / EPDM /
SL(SILICONE) / SBR / FKM(VITON) / IIR(BUTYL)

[Properties & Chemical Resistance]

	NR	NBR	CR (NEOPRENE)	EPDM	SL	SBR	FKM(VITON)	BUTYL(IIR)
Hardness(Shore A))	70±5	60±5	60±5	75±5	65±5	60±5	75±5	60±5
Tensile Strength(kgf/cm ²)	min.70	min.80	min.60	min.152	min.80	min.30	min.93	min.70
Elongation(%)	min.150	min.300	min.350	min.240	min.100	min.150	min.220	min.350
Rebound Resilience	◎	○	◎	○	◎	○	△	△
Service Temp.(°C)	-20~100	-30~120	-30~120	-40~150	-60~200	-20~100	-20~200	-40~120
Wear Resistance	○	◎	○	△	△	◎	○	△
Flexibility	◎	○	○	○	△	○	○	◎
Ozone Resistance	X	X	○	◎	◎	X	◎	◎
Gas permeability	△	○	○	△	X	△	○	◎
Flame Resistance of Salt Tolerance	X	X	○	X	△	X	◎	X
Lubricant	X	◎	○	X	○	X	◎	X
Gasoline	X	○	△	X	X	X	◎	X
Aliphatic Hydrocarbon	X	◎	○	X	X	X	◎	X
Hydrocarbon	X	X	X	X	X	X	○	X
Aromatic hydrocarbon	X	X	X	X	X	X	◎	X
Alcohol	◎	◎	◎	◎	△	◎	○	◎
Ketone	○	○	◎	◎	○	○	△	◎
Water	◎	◎	◎	◎	◎	◎	◎	◎
Weak Acid	○	○	◎	◎	○	○	◎	◎
Strong Acid	X	X	△	○	X	X	◎	○
Alkali	○	○	◎	◎	○	○	△	◎

Note : ◎ Excellent / ○ Good / △ Suitable / X Unsuitable ◎우수 / ○양호 / △가능 / X불가