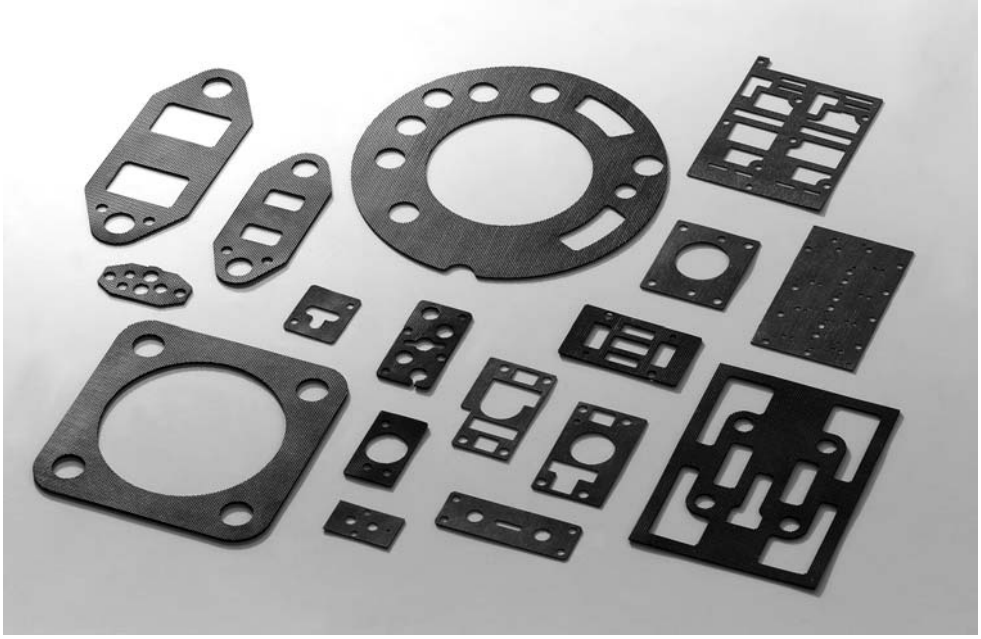
Grid-Surface Gaskets

Pneumatic rubber sheet gaskets



Grid-Surface Gaskets

Pneumatic rubber sheet gaskets originally were designed by SAKAGAMI. Grid-surface formed on the sheet surface has solved the problem of protruding when ordinary gaskets are tightened, and achieved further improved sealing performance.

Features

① Grid-surface gaskets seal with minimum tightening force, providing excellent sealing performance.

② Minimum protrusion of rubber when tightened.

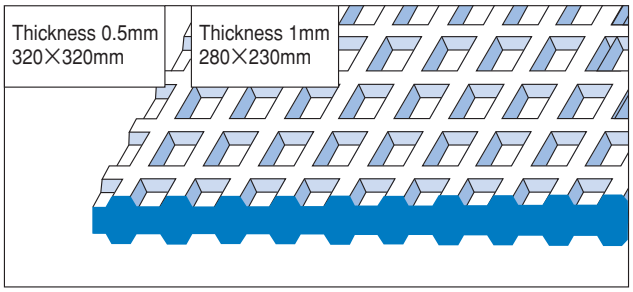
③ Neither corrosion nor sticking on the contact surface are observed.

④ Superior in weather, water and oil resistance.

⑤ Cuttable (die-punching) into a requested shapes.

Shapes and types

The following two types are available as the standard sheets.



Grid-surface gaskets are available in either standard sheets or customized shapes. When the gasket is ordered in customized shape, the tooling cost is chargeable.
Die cut toolings for below ISO standard gaskets, for solenoid valves, are available.

ISO 5599/1 SIZE 1, Part number RHA-0065009D914
ISO 5599/1 SIZE 2, Part number RHA-0081006D914
ISO 5599/1 SIZE 3, Part number RHA-0106008D914

Description

Items \ Thickness		1mm			0.5mm	
Material		SAPLATIC・RD914 (Special compounded NBR Hs90)			SAPLATIC RN917 (Special compounded NBR Hs90)	
Operating temperature range		−30～80℃				
Tolerance	Thickness	$1\ ^{+0.35}_{-0.15}$ mm			$0.5\ ^{+0.3}_{-0.1}$ mm	
	Product geometry (Dimension)	Less than 75	75 or larger less than 100	100 or larger less than 150	150 or larger less than 200	200 or larger
		±0.45mm	±0.6mm	±0.9mm	±1.2mm	± (Dimension×0.006)
Minimum design width		3mm			2mm	
Recommended contact pressure		1～5MPa {10～50kgf／cm²}			2～6MPa {20～60kgf／cm²}	

★Apart from the above mentioned NBR, fluorine rubber is also available for high temperature-resistant and chemical-resistant models. Please contact our sales department.
★Gaskets are adequately packaged for the optimum storage. Refer to "Cautions" in page 2 for the handling and storage.
★Roughness of compression surface: 12.5～25S (3.2a～6.3a)
★Compression surfaces should be free from oil, grease or lubricant.

Major applications

Pneumatic equipment

Solenoid valves
Cylinder covers
Drier bodies

Electric parts

Dust and water proof
Contact protecting cover

Railway vehicle equipment

Door engines and covers
Brake cylinder covers
Gearbox and covers
Rotating joints of pipes