

○ Semi-metallic gaskets (1/1)

Product Nos.	Names	Construction	Performances	Main applications
1050	Metal jacket type: Single-covered gasket	The gasket of this type is a plain type gasket made by covering the center core of mill board singly by thin metal sheet.	Maximum working temperature: 530°C	Pipe flange or pressure vessel cover for high-temperature/ high-pressure steam, gas, solvent, etc.
1054	Metal jacket type: Double-covered gasket	The gasket of this type is a plain type gasket made by covering the center core of mill board doubly by thin metal sheet.	Maximum working temperature: 530°C	Pipe flange, heat exchanger for oil refining and petrochemical industry
1056	Metal jacket type: Corrugated gasket	The gasket of this type is a gasket made by covering the center core of mill board by thin metal sheet. Since the gasket is of such construction that its cross section is concentrically corrugated, it can assure the higher contact surface pressure locally.	Maximum working temperature: 530°C	Pipe flange, heat exchanger for oil refining and petrochemical industry
1150	Metal jacket type: Circular-covered gasket	The gasket of this type uses the hear-resisting yarn at its core center, and is finished to circular cross section, using the thin metal sheet.	Maximum working temperature: 530°C	Places such as internal combustion engine or connection of heavy oil nozzle where the space is extremely limited
1650	Single-Pilafoil covered gasket	The gasket of this type is a gasket made by executing the treatment on the surface of No. 1050, using the Pillafoil, and provides the excellent sealing performance particularly at low tightening pressure.	Maximum working temperature: 530°C	Oil, gas oil, solvent, heating medium, water, steam, corrosive gas, etc. Pipe flange, cover of pressure vessel
1654	Double-Pilafoil covered gasket	Gasket made by treating the surface of No. 1054 by Pilafoil	Maximum working temperature: 530°C	Oil, gas oil, solvent, heating medium, water, steam, corrosive gas, etc. Pipe flange, cover of pressure vessel

○ Metallic gaskets (1/1)

Product Nos.	Names	Construction	Performances	Main applications
1200	Corrugated gasket	The gasket of this type is made by pressing the thin metal sheet to concentric corrugated shape, to allow the contact surface pressure to be higher, to enhance the sealing performance with spring effect of metal taken into consideration.	Maximum working temperature: 800°C	Valve bonnet used to handle high-temperature/low-pressure steam, gas oil, solvent, steam, heat transfer oil, etc.
1300	Serration gasket	The gasket of this type is a gasket made by cutting the sharp V-shape groove (60° or 90°) on the plane metal gasket at a pitch of 1mm.	Maximum working temperature: 800°C	Valve bonnet used to handle high-temperature/low-pressure steam, gas oil, solvent, steam, heat transfer oil, etc.
1400	Plane metal gasket	The gasket of this type is a gasket of simplified shape, made by punching the rolled metal sheet to the designated dimension or by cutting the material, to finish the surface smoothly and evenly.	Maximum working temperature: 800°C	Pipe flange, valve bonnet, boiler manhole, tower, connection of heat exchanger, etc.
1500	Octagonal ring joint gasket	The gasket of this type is made by cutting each metal material to octagonal cross section.	Maximum working temperature: 800°C	High-temp./high-pres. pipe flange, valve bonnet, heat exchanger
1500BX	Octagonal ring joint gasket for ultra-high pressure use	The gasket of this type is used for oil-well drilling, etc. where pressure-resisting performance is required from octagonal cross section.	Maximum working temperature: 800°C	
1500RX	Octagonal ring joint gasket for high pressure use	The gasket of this type is used for oil-well drilling, etc. where pressure-resisting performance is required from octagonal cross section.	Maximum working temperature: 800°C	
1501	Oval type ring joint gasket	The gasket of this type is made by cutting each metal material to oval cross section (octagonal).	Maximum working temperature: 800°C	High-temp./high-pres. pipe flange, valve bonnet, heat exchanger
1502	Pressure seal ring gasket	The gasket of this type is a self-sealing type metal gasket used for high-temperature/high-pressure valve bonnet, etc.	Maximum working temperature: 800°C	High-temp./high-pres., valve for heating steam, process valve bonnet, cover of pressure vessel
1503	Lens ring gasket	The gasket of this type is a metal gasket manufactured in accordance with DIN standard.	Maximum working temperature: 800°C	Pipe flange and pressure vessel cover of ammonia synthesizing line and methanol synthesizing line
1504	Delta-ring gasket	The gasket of this type is a self-sealing type gasket, of which cross section is finished to triangle shape, where high dimension accuracy is required from view point of its sealing function.	Maximum working temperature: 800°C	High-temp./high-pres. autoclave, heat exchanger cover

○ Spiral wound gaskets (1/1)

Product Nos.	Names	Construction	Performances	Main applications
2300	Pilaflon spiral wound gasket	The gasket of this type is a completely new spiral wound gasket of which filler material uses the Pilaflon soft tape(made of 100% PTFE resin) full of flexibility and elasticity. Since the gasket provides the excellent gas sealing performance, chemical-resisting performance, etc., it is applicable to wide range of fluid.	Working temperature range: -200°C~+260°C Pressure: 15.5MPa	Piping flange, valve bonnet, pressure vessel cover, etc. of general chemicals, corrosive gas, dangerous fluid, etc.
2300S	Pilaflon spiral wound gasket for oxygen	The gasket of this type is a spiral wound type gasket made by degreasing the hoop material, so that the oil/grease content should not react upon the oxidizing gas fluid such as oxygen, ozone, etc.	Working temperature range: -200°C~+260°C Pressure: 15.5MPa	Gasket for oxygen, oxidizing fluid, etc.
2600	Pilafoil spiral wound gasket	The gasket of this type is a spiral wound type gasket, of which filler material uses the Pilafoil tape, and provides the excellent gas sealing performance, heat-resisting performance, chemical-resisting performance, etc.	Working temperature range: -200°C~+600°C(450°C or less for oxidization atmosphere) Pressure limit: 43.1MPa	Pipe flange, pressure vessel cover which handles high-temperature/high-pressure steam, dangerous gas, He gas, ammonia, LNG, etc.

○ Sheet gaskets (1/1)

Product Nos.	Names	Construction	Performances	Main applications
5003-NBR	Short aramid fiber-reinforced rubber sheet gasket	The gasket of this type is made by mixing the short aramid fiber with rubber(NBR), to form it to sheet-shape.	Working temperature range: -200°C ~ +260°C Pressure: 15.5MPa	Flange for general piping, pipe flange for connection of each unit
5611	General-purpose non-asbestos sheet gasket	The gasket of this type is a non-asbestos sheet made by blending the special rubber binder after compounding the high-strength fiber.	Working temperature range: -50°C ~ +120°C Pressure: 3.3MPa	Pipe flange, valve unit of each plant
5650	Non-asbestos sheet gasket	The gasket of this type is a sheet gasket made by compounding the high-strength fiber to the graphite, and provides the flexibility performance and excellent handling performance.	Working temperature range: -100°C ~ +260°C Pressure: 5.2MPa	Piping and equipment flange for water, steam, oil, corrosive fluid, etc.
6630	Pilafoil sheet gasket	The sheet gasket of this type is made by punching the Pilafoil.	Working temperature range: -200°C ~ +400°C Pressure: 2.6MPa	Piping and equipment flange for water, steam, oil, corrosive fluid, etc.
6633	Metal foil inserted Pilafoil sheet gasket	The sheet gasket of this type is a Pilafoil sheet made by reinforcing it, using stainless steel foil.	Working temperature range: -200°C ~ +400°C Pressure: 5.2MPa	Piping and equipment flange for water, steam, oil, corrosive fluid, etc.
3350	Gore-tex R hyper sheet gasket	The gasket of this type is a soft sheet gasket made by 100% PTFE resin.	Working temperature range: -100°C ~ +200°C Pressure: 3.3MPa	Pipe flange, pressure vessel cover

○ Free-size gaskets and other gaskets (1/1)

Product Nos.	Names	Construction	Performances	Main applications
3300	Gore-tex R joint sealant	The Gore-R joint sealant is a free-size gasket made of marshmallow state PTFE resin. Since it is provided with adhesive on its one surface, it can be used by sticking it on the piping or equipment flange.	Working temperature range: +200°C Pressure: 3.3MPa	Pipe flange, pressure vessel cover
3300	Gore-tex R joint sealant tape	The sealant tape is made of PTFE resin, and is provided with adhesive in the same manner as No. 3300. It is applicable to a wide range of applications.	Working temperature range: +200°C Pressure: 3.3MPa	Pipe flange, pressure vessel cover
3355	Hyper clean gasket	The gasket of this type is a soft sheet gasket made of 100% PTFE resin. It is also a high-density gasket of which gas sealing performance and thermal creep performance are enhanced.	Working temperature range: -100°C ~ +200°C	Pipe flange, pressure vessel cover
3356	Clean sanitary ferrule gasket	The gasket of this type is made of 100% PTFE resin only, and does not contain any impurities. Unlike the conventional hard PTFE, it is a flexible ferrule gasket having the excellent heat-resisting performance.	Working temperature range: +200°C	Gasket for clamp joint such as medicines, cosmetics, foods, etc.
6650	Pilafoil ribbon pack	The Pilafoil ribbon pack is made by wrinkling the surface of Pilafoil sheet.	Working temperature range: -200°C ~ +600 °C (450 °C or less for oxidization atmosphere)	Steam, heating medium, corrosive fluid, etc.
6660	Pilafoil plain tape	The Pilafoil plain tape is made by applying the adhesive to the front surface after forming it to tape shape.	Working temperature range: -200°C ~ +400°C	Pipe flange, pressure vessel cover
6670	Pilafoil crinkle tape	The Pilafoil crinkle tape is made by applying the adhesive to the rear surface after wrinkling the surface of Pilafoil sheet.	Working temperature range: -200°C ~ +400°C	Pipe flange, pressure vessel cover