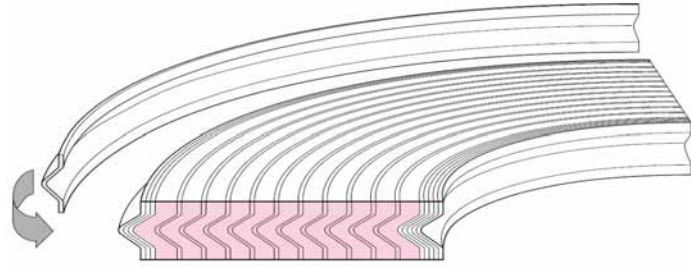


JUNIO 200 SPIRAL-WOUND GASKETS



PROPERTIES AND APPLICATION

Spiral-wound gaskets are special semi-metallic gaskets of great resilience, therefore they are very suitable for applications featuring heavy operating conditions. Spiral-wound gaskets are manufactured by spirally winding a V-shaped metal strip and a strip of non-metallic filler material. The metal strip holds the filler, providing the gasket with mechanical resistance and resilience. Spiral-wound gaskets can be reinforced by an outer centering ring and/or inner retaining ring. The outer centering ring controls the compression and holds the gasket centrally within the bolt circle. The inner retaining ring increases the axial rigidity and resilience of the gasket. Spiral wound gaskets should always be in contact with the flange and should not protrude into the pipe or project from the flange.

Spiral-wound gaskets can be used for sealing flange joints, manhole and handhold covers, tube covers, boilers, heat exchangers, pressure vessels, pumps, compressors and valves; in industries such as petrochemical, pharmaceutical, shipbuilding, and food processing, in power industries and nuclear power stations. They are ideal for steam, oil, liquids, gases, acids, alkalines, various organic mediums and solvents.

ADVANTAGES:

Sealing under heavy operating conditions

Strong stress compensation, stable and reliable sealing performance even under frequent pressure fluctuation condition

Solid construction provides stability and seallability even when the sealing surfaces are slightly corroded or bent

Easy installation

JUNIOSEAL

All data quoted are based on our extensive tests and years of experience, however, they can only serve as guide values.

Failure to select proper sealing products could result in property damage and serious injury.

Specifications are subject to change without notice. WWW.JUNIOSEAL.COM Email us now: junio@junioseal.com

JUNIO 200 SPIRAL-WOUND GASKETS

AVAILABLE GASKET MATERIALS

METAL WINDING STRIP

AS STANDARD

Stainless Steel

304

316

OTHERS

Stainless Steel

304L

309

310

316Ti

317L

321

347

430

17-7PH

ALLOY 20

MONEL®

TITANIUM®

NICKEL ® 200

INCONEL® 600

625

X-750

HASTELLOY® B-2

C276

INCOLOY® 800

825

DUPLEX

ZIRCONIUM®

TANTALUM®

COPPER

PHOS-BRONZE

CARBON STEEL

FILLER MATERIAL

flexible graphite 98%

flexible graphite 99.85%

PTFE

Non-sintered PTFE

Mica

Ceramic

Non-asbestos Fiber

Asbestos Fiber

GUIDE RING MATERIAL

AS STANDARD

Carbon Steel

OTHERS

Stainless Steel

304

304L

316

316L

316Ti

310

321

347

410

INCONEL® 600

625

MONEL®

TITANIUM®

NICKEL ® 200

INCOLOY® 800

825

ALLOY 20

X-750

HASTELLOY® B-2

C276

NOTE

Color cord as ASME B16.20 on request.

Selected materials should be compatible with operating temperature and chemicals.

If in doubt, contact Junio Technical Department.

All data quoted are based on our extensive tests and years of experience, however, they can only serve as guide values.

Failure to select proper sealing products could result in property damage and serious injury.

Specifications are subject to change without notice. WWW.JUNIOSEAL.COM Email us now: junio@junioseal.com

JUNIO 200 SPIRAL-WOUND GASKETS

SHAPE AND CONSTRUCTION

Gasket standard styles:

- Gaskets without guide and inner ring (Type Junio-200)

Basic construction type. Inner and outer diameters are reinforced with several plies of metal without filler to give greater stability and better compression and sealing characteristics. Suitable for tongue and groove or male and female or grooved to flat face flange assemblies.

- Gaskets with inner ring (Type Junio-200IR)

Solid inner metal ring acts as a compression stop and fills the annular space between flange bore and the inside diameter of the gasket. Designed to prevent accumulation of solids, reduce turbulent flow at process liquids and minimize erosion at flange faces. Suitable for male and female pipe flanges.

- Gaskets with guide (outer) ring (Type Junio-200CR)

Utilizes an external ring which accurately centers gasket on flange face, provides additional radial strength to prevent gasket blow-out and acts as a compression stop. A general purpose gasket suitable for use with flat face and raised face flanges up to and inclusive of class 2500. Above class 600 an internal ring is recommended

- Gaskets with guide and with inner ring (Type Junio-200IC)

Junio-200IC gasket fitted with internal ring which gives an additional compression limiting stop and provides heat and corrosion barrier protecting gasket windings and preventing flange erosion. Suitable for use with flat face and raised face flanges and specified for high pressure/temperature service - class 900 and above or where corrosive or toxic media are present.

- Gaskets with bars for heat exchangers (Type Junio-200H)

- Gaskets in a special shape (Type Junio-200S)



JUNIOSEAL

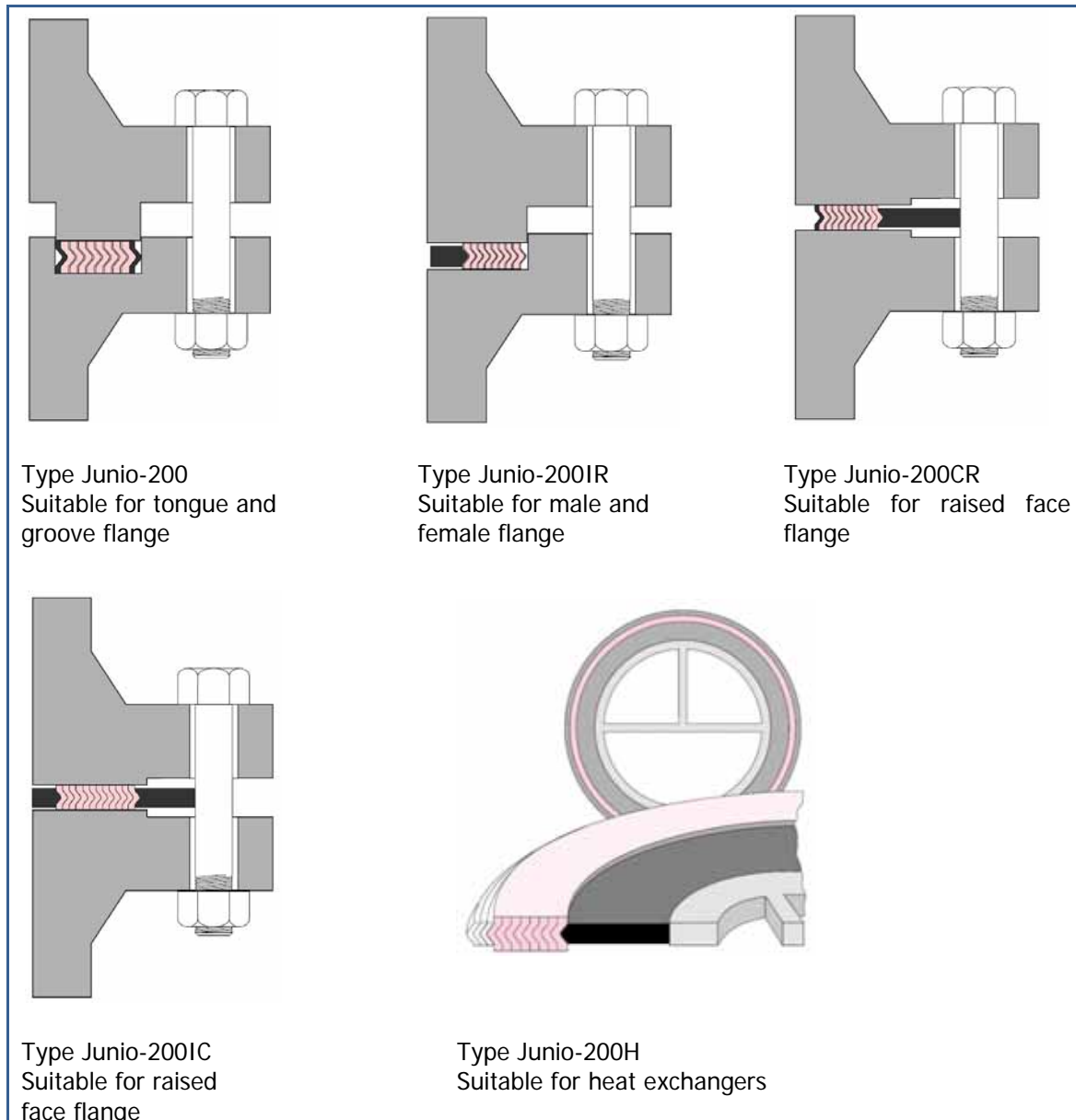
All data quoted are based on our extensive tests and years of experience, however, they can only serve as guide values.

Failure to select proper sealing products could result in property damage and serious injury.

Specifications are subject to change without notice. WWW.JUNIOSEAL.COM Email us now: junio@junioseal.com

JUNIO 200 SPIRAL-WOUND GASKETS

GASKET SELECTION **What style of gasket should I select?**



DIMENSIONS:

Our standard production program comprises a range of spiral wound gaskets with inner diameters of 10 to 2200 mm and a nominal thickness of 3.2, 4.5 and 6.5mm. (measured across metallic strip not including the filler, which protrudes slightly beyond the metal).

The dimensions of the standard SWG meet the **ASME B 16.20, API 601, BS** and **EN 1514-2 (DIN 2691, 2692), DIN Standard, ANSI B 16.5, JIS**.

All standard types can be delivered in non-standard dimensions according to customer request. Gaskets can be manufactured in other shapes like oval and oblong (stadium). There is no specific standard for this type of gasket. When ordering it providing complete specifications is required: Internal dimensions, width and thickness or a drawing.

All data quoted are based on our extensive tests and years of experience, however, they can only serve as guide values. Failure to select proper sealing products could result in property damage and serious injury.

Specifications are subject to change without notice. WWW.JUNIOSEAL.COM Email us now: junio@junioseal.com