



## A.S.GASKETS

(CIXI AIFLON SAMSUNG SEALING MATERIALS CO.,LTD)

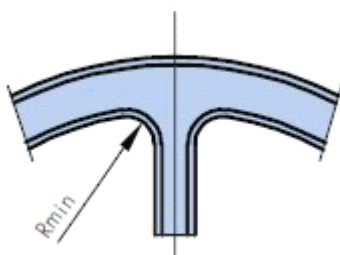
### Double Jacketed Gaskets

**Range of Double jacketed gaskets:**

- 6200-DJ Double jacketed gaskets basic style
- 6200-SD Stamping double jacketed gaskets
- 6200-CD Corrugated double jacketed gaskets
- More styles, please check it from “Detail styles”

**Description:**

Heat exchanger gasket is a term that has been given to gasket used in heat exchangers. The structure of the gasket or its type varies according to the operating conditions of the exchangers. The heat exchanger gaskets come in a wide special of styles including single or double jacketed, corrugated, plain metal, soft and many others. A large selection of different materials allows heat exchangers to operate at temperatures beyond the capabilities of most soft gasket materials.

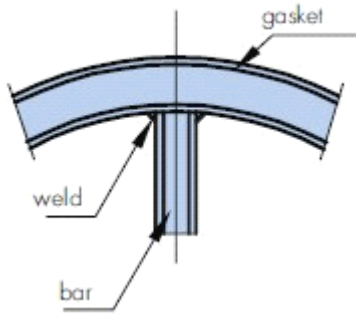


**Gasket with integrated bars.**

Double jacketed gaskets for heat exchangers are manufactured with Integrated bars.

There is a rab between the bars and an internal diameter of Gaskets.





### Gaskets with welded bars

Gaskets with welded bars have eliminated one of the greatest Problems of conventional gaskets, which are cracks in the rad area. Metal or alloys are commercially available in sheets or rolls of 1000mm width

### Details Styles:

These gaskets are used in shell and tube type heat exchangers. They can be manufactured in very different sizes, shapes, with or without bars. The primary seal is at the inner diameter of the gasket, the outer gasket diameter acts as a secondary seal. The bars seal between the heat exchangers passages.

The heat exchanger gaskets are produced in several types to meet the most demanding applications. Gaskets for heat exchangers can be manufactured in metal or alloy with a thickness 0.4mm featuring a soft core inside a metallic jacket.

R	C1	C2	D1	E1	E2	E3	E4	E5
F1	F2	F3	G1	G2	G3	G4	G5	G6
G7	G8	H1	H2	H3	H4	H5	H6	H7
H8	H9	H10	H11	H12	H13	H14	I-1	I-2
I-3	I-4	I-5	I-6	I-7	I-8	I-9	I-10	I-11
I-12	J1	J2	J3	J4	J5	K1	K2	K3
K4	K5	K6	K7	K8	K9	K10	K11	



## Materials For Heat Exchanger Gaskets:

The selection of the jacket material depended on operation conditions. The standard filler is flexible graphite.

### Metallic jacket

MATERIAL	ASTM	DIN Material No.
Low Carbon Steel	Soft iron (CS)	1.0333
Stainless steel	AISI 304	1.4301
Stainless steel	AISI 316, 316 L	1.4401, 1.4404
Stainless steel	AISI 321	1.4541
Stainless steel	AISI 316 Ti	1.4571
Monel (NiCu30Fe)	Alloy 400	2.4360
Copper	Copper	2.0090
Brass	Brass Ms 63	2.0321
Titanium	B348 Gr.1	3.7025

Other alloys available on request

### Filler

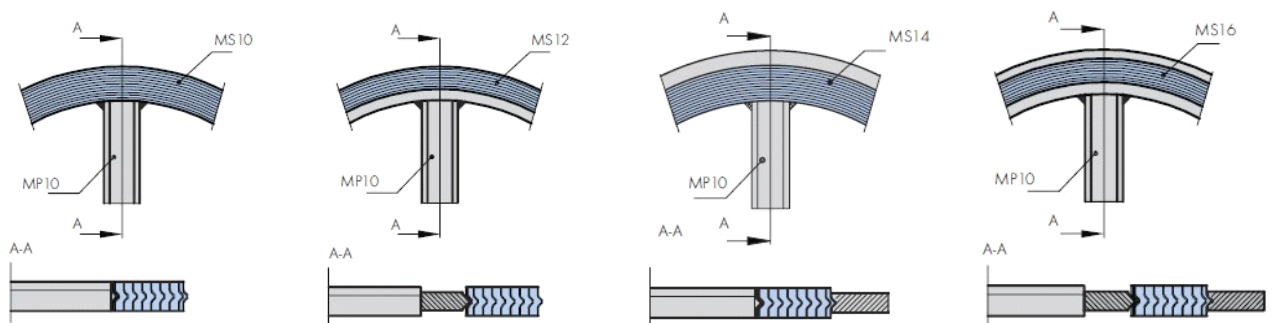
Flexible graphite, ceramic, calandered sealing materials,...

### SIZES

STANDARD DIMENSIONS	
gasket thickness	3.2 mm
gasket width	10, 13 and 16 mm
bar width	8, 10 and 13 mm

### Spiral wound gaskets for heat exchangers:

The spiral wound gaskets can be manufactured with one or more metal jacketed bars in different shape shown in drawing. Metal jacketed bars are welded and made of the same material as the spiral windings. The standard thickness are 3.2mm, 4.5mm, 6.5mm and 7.2mm.



Due to the complexity of making a recommendation for any given duty, this section on chemical compatibility is intended on as a guide.

The possible effect of elevated temperature should be considered when determining the compatibility of these products with a chemical. If necessary, please contact our technical services team for assistance.

CIXI AIFLON SAMSUNG SEALING MATERIALS CO.,LTD

E-mail: [sales@asgaskets.com](mailto:sales@asgaskets.com) [sales@assealing.com](mailto:sales@assealing.com)

Web: <http://www.asgaskets.com> [www.assealing.com](http://www.assealing.com)