

METAL JACKETED



Metal Jacketed gaskets are available in standard or customized dimensions for heat exchangers or pressure vessels. They are composed of a metal jacket and a soft filler.

Dimensions: up to 5000 mm

Thickness: from 2 to 12 mm

Jacketed material:

SS 304L	Copper
SS 316L	Brass
SS 321	Aluminium
SS 430	Titanium
Soft Iron	Nickel
Duplex	Nickel alloys

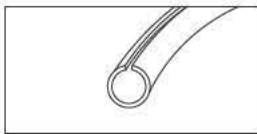
Filler material:

Graphite
PTFE
Ceramic fibres
Glass fibres
Non asbestos

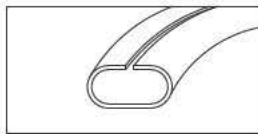
For most frequently required shapes see page 15.

Oblong, rectangular, oval, pear, diamond shapes are also available.

MP 1004



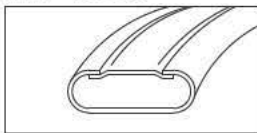
MP 1005



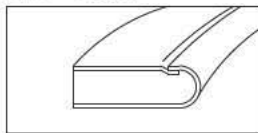
MP 1004 / MP 1005

Single jacketed gaskets: they are used for relatively narrow applications. Made by encasing a soft filler on one face and both edges with metal.

MP 1006



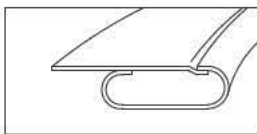
MP 1007



MP 1006 / MP 1007 / MP 1008

Double jacketed gaskets: they are used when complete protection of the filler is required. They also provide additional support of the flanges at the outer edges thanks to an overlapped jacket. They are made of a soft filler completely enclosed by a metal shell and a top washer.

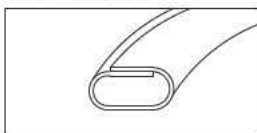
MP 1008



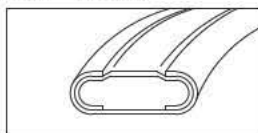
MP 1009

Overlapped jacketed gaskets: they are used when a completely enclosed gasket is required whose width is smaller than the one available in the plain double jacketed series.

MP 1009



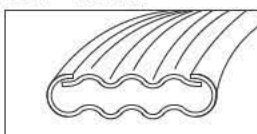
MP 1010



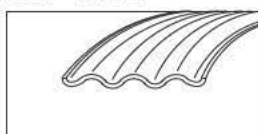
MP 1010

Double shell, double jacketed gaskets: they are used when a gasket having greater strength and rigidity is required. They are made of a soft filler by two reversed and overlapping metal shells.

MP 1011



MP 1012



MP 1011 / MP 1012

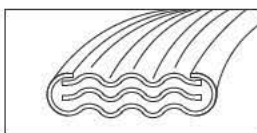
Corrugated jacketed gaskets: the corrugated jacketed increases the gasket resistance.

This type employs an asbestos-free filler completely enclosed by a corrugated metal shell and a top washer.

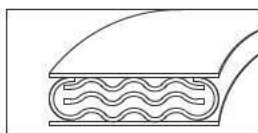
If a slight leakage occurs through the inner edge, the concentric corrugations act as labyrinth seal.

Sealing capacity can be further improved by using adhesive layer ribbon.

MP 1013



MP 1014



MP 1013 / MP 1014

Corrugated jacketed gaskets with corrugated metal insert:

like corrugated jacketed type with a corrugated metal insert.

This 3-ply design provides a more resistant construction that adapts to cyclical operating temperature problems.