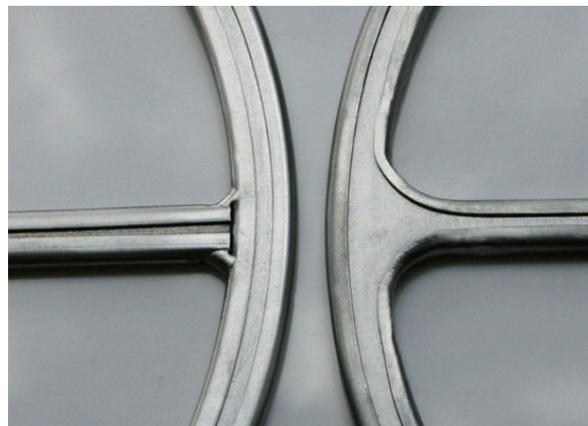


Technical Data Sheet

Metal Jacketed/Clad Gaskets

We produce a range of bespoke heat exchanger gaskets which comprise of a metallic outer shell and a metallic or non-metallic filler, these are hand made to exacting customer specification. We offer these gaskets in a variety of metals and configurations and they can be fabricated in one piece or welded constructions.



Technology

The semi-metallic gasket joint is an economical sealing option where sealing faces are narrow, this type of gasket makes it a good option for heat exchanger jointing. The metal jacket provides good gasket stability and blow-out resistance. Selecting the right type of metal will provide a suitable resistance to a wide range of chemical media.

Welded Construction

Gaskets with bar configurations are securely welded into the ring by our experienced engineers. The media is retained by the primary seal at the inner diameter of the gasket. The primary seal therefore maintains its function and provides a seal of higher integrity.

One-Piece construction

Gaskets are fabricated from a single sheet of material.

Pass bar partitions are fabricated in one piece construction where they intersect with the outside ring and where bars intersect or change direction within the ring. Should leakage occur, the media would flow along the length of the pass bar arrangements and then flow to the outer diameter and retention is maintained by the secondary seal.

Materials

SS316	SS304	SS321	S347	SS409	SS410
Inconel 600, 625, 800, 825		Titanium	Nickel	Hastelloys	Monel
Duplex	Soft Iron	Aluminium	Copper	Brass	

Fillers

Graphite	PTFE sintered and un-sintered	Corrugated Metals	Non/Asbestos
Ceramics			

Applications

Heat exchangers	Exhaust gases	Valve bonnet gaskets	Narrow flanges
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Metallics



Certificate Number: 14352
 ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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