

Buralloy Heat exchanger seal 2500









Features

The Buralloy heat exchanger seal 2500 is a semi-metal gasket with a soft core and metal jacketing. The Buralloy 2500 thus combines the benefits of a compressible soft seal with the mechanical strength of a metal seal. As a result, it can be produced in many different material combinations and in different styles to suit the application.

Surface details

Jacketing	Surface roughness R_z (flange surface)
Aluminum	25 ... 50 μm
Copper	12.5 ... 25 μm
Tinplate	12.5 ... 25 μm
Steel	2.5 ... 6.3 μm
304 or 304L	2.5 ... 6.3 μm
316 or 316L	2.5 ... 6.3 μm
321,00	2.5 ... 6.3 μm
Hastelloy B or C-276	2.5 ... 6.3 μm
Inconel 600	2.5 ... 6.3 μm
Monel 400	2.5 ... 6.3 μm

Variants

Ausführung	Anwendungsempfehlung	
	Metal gasket Suitable for use in valve caps, heat exchangers and tongue-and-groove flanged connections. High bolt force required.	2500/BHX200
	Metal gasket with graphite jacketing Suitable for use in butterfly valves and heat exchangers. The graphite used gives the gasket excellent adaptability.	2500/BHX210
	French style - Jacketed on one side Suitable for use in compressed air applications. Can also be used in applications with confined installation space. Gasket cross-section $s < 5$ mm.	2500/BHX220
	French style - Jacketed on both sides For gaskets with cross-section $s > 5$ mm	2500/BHX230
	Jacketed on one side - Open Similar to BHX220. For gaskets with cross-section $s > 5$ mm.	2500/BHX240
	Jacketed on one side - Closed Suitable for applications in which the filler material must be protected against the effects of the medium.	2500/BHX250
	Jacketed on both sides - Closed Available in almost all sizes and can be used in many applications. Suitable for use in standard flanges, particularly when fiber seal materials cannot be used because the surface pressure is too high.	2500/BHX260
	Double sided jacketing with double wrapper - Closed Similar to the BHX220, robust sealing solution suitable for high surface pressures.	2500/BHX270

All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications, however, means that they can serve only as guide values.

We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. This is subject to change.