



PLANISTEEL CAMPROFILE VERMICULITE

Composition

- NR, IR and LR configuration
- Metal according to requirements
- VERMICULITE filler

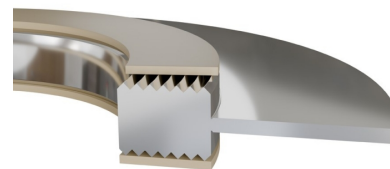
Characteristics

Planisteel Camprofile VERMICULITE gaskets are composed of a metallic core serrated on both sides, subsequently covered with a graphite tape that provides the sealing function. The concentric grooves of the core ensure excellent tightness even with reduced bolt loads, while the facing guarantees adaptation to surface irregularities of the flanges.

Unless otherwise specified by the customer, the profile design is manufactured in accordance with ASME B16.20. Planisteel Camprofile gaskets can also be manufactured in compliance with EN 1514-6 and EN 12560-6, or with other customized profiles.

According to the EN 1514-6 classification, Planisteel Camprofile gaskets can be manufactured without a ring (NR), with an integral ring (IR), or with a loose/non-integral ring (LR).

The typical construction details of Planisteel Camprofile gaskets are as follows.



Planisteel Camprofile VERMICULITE

Maximum reliability, even under the most extreme conditions.

The Planisteel Camprofile gasket combines robustness with flexibility of use, ensuring flawless sealing even on imperfect flanges and in the presence of high pressures or temperatures. It is the ideal choice for those seeking high performance together with safety and long-lasting flange sealing in industrial plants.

| Performance Specifications | UM | EN1514-6 EN12560-6 | ASME B16.20 |
|---|-----|-----------------------|-------------|
| Core thickness | mm | 4,00 | 3,00 |
| Groove depth | mm | 0,40 | 0,30 |
| Location ring thickness | mm | 0,50 | 1,60 |
| Facing material thickness | mm | 0,50 | 0,50 |
| Tip width | mm | 0,10 | 0,10 |
| Min. Gasket Seating Stress - $S_{gmin-S_{L=0.001}}$ | MPa | 42 | 42 |
| Min. Gasket Operating Stress - S_{gmin-O} | MPa | 30 | 30 |
| Max Gasket Operating Stress - S_{gmax} | MPa | 280 | 280 |

The sealing factors refer to the IR and LR design of the stainless steel gasket.

The maximum service temperature of the spiralwound gasket depends on the metal tape. The thermal capacity of the vermiculite filler is 1000°C.



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