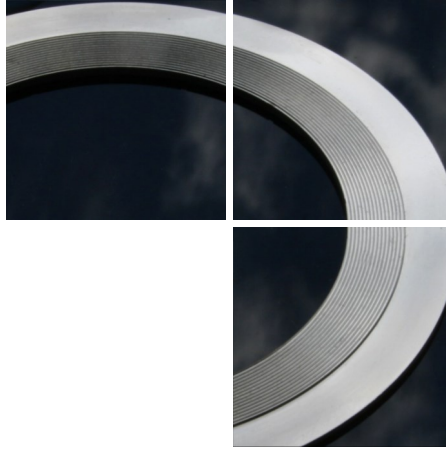




CAMPROFILE GASKETS

V-Seal are well known for manufacturing bespoke camprofile gaskets throughout the industry.

These are hand made to exacting customer specifications and fabricated in a variety of metals and configurations in one piece or welded constructions.



Camprofile gaskets consist of a serrated metallic core, provided with or without support rings. These are generally provided with a soft facing made from graphite, PTFE or high temperature mica material.

These versatile gaskets are widely used in high temperature and high pressure applications and are a solid sealing option when working with fluctuating conditions, offering the strength of a metallic gasket with the sealing benefits of a soft cut product.

Camprofile gaskets are available in a comprehensive selection of materials, are custom built to clients' specific design requirements and are almost without any size limitations. Should gaskets be required to suit standard specifications, Camprofile Gaskets can be produced to ASME B16.21 and EN 1514-6.

Each gasket is individually hand made with meticulous care, by our highly skilled craftsmen, to ensure ease of fitting and long service life.

Standard Materials for Camprofile Metallic Core

Soft Iron, Low Carbon Steel, Stainless Steel (grades 304, 304L, 316, 316L, 321, 410 etc.), Monel®, Aluminium, Hastelloy®, Titanium, Inconel® and Soft Steel.

Standard Materials of Jacketed Gaskets Filler

Graphite, PTFE and Ceramic.

Camprofile Gaskets - Product Data

Metallic Core Temperature Limits

| | |
|------------------------|-----------------|
| Soft Iron | 540°C |
| Stainless (300 Series) | 540°C to 870°C* |
| Stainless (400 Series) | 850°C |
| Monel® | 820°C |
| Inconel® | 1095°C |
| Titanium | 540°C |
| *Grade Dependent | |

Non-Metallic Facing Temperature Limits

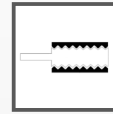
| | |
|----------|--------|
| Graphite | 400°C |
| PTFE | 260°C |
| Ceramic | 1000°C |

Applicable Standards

Camprofile gaskets are produced to individual requirements as well as specifications set out in ASME B16.21 and EN 1514-6 standards.

Camprofile Styles

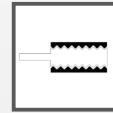
Camprofile gaskets are available in a variety of profiles including these shown below:



V-1
Consisting of a serrated sealing element, complete with a soft facing and fixed outer guide ring.



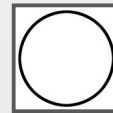
V-2
Consisting of a serrated sealing element, complete with a soft facing across the full flange width.



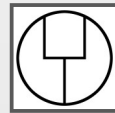
V-3
Consisting of a serrated sealing element, complete with a soft facing and loose or welded outer guide ring.

Camprofile Shapes

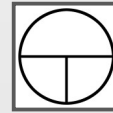
Camprofile Gaskets are often produced as plain ring shapes, however options with bars are offered. Some of the more common shapes are shown below.



'PR'



'Y' Bar



'T' Bar



'Z' Bar

