



## SPRIAL WOUND GASKETS

Spiral wound gaskets have the ability to recover under the action of fluctuating loads caused by process fluid pressure and temperature changes, flange face temperature variations, flange rotation and bolt stress.

The gasket sealing element consists of a pre-formed metallic winding strip with layers of a softer, more compressible sealing material which, during compression, is densified and flows to fill imperfections in the flange surfaces when the gasket is seated. The metal strip holds the filler giving the gasket mechanical resistance and resilience.



ASME B16.20 covers the necessary colour codings for both the fillers and the winding materials to ensure identification of product.

Various designs are available relative to their intended function covered by API 605 and MSS-SP44.

The most common combination of materials are steel, outer 316ss windings with graphite filler. Valve and Flow Control Specialists Pty Ltd (**VCS**) currently stock 15nb (1/2) to 300nb (12"). Gaskets are available in ANSI 150 / 300 600 and 900 ratings. We also carry Spirals to suit BS/ AS Table F/H/J and K. For classes 1500 to 2500 we have to draw stocks from Melbourne.

**VCS** also have fibre gaskets, sheet as well as valve / pump packing for most services!

