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THE INFLUENCE OF WINDING DENSITY IN THE SEALING BEHAVIOR  
OF SPIRAL WOUND GASKETS

**JOSÉ C. VEIGA**

**CARLOS F. CIPOLATTI**

**NELSON KAVANAGH**

Teadit Indústria e Comercio Ltda.

Rio de Janeiro, RJ, Brazil

**DAVID REEVES**

Chevron Corporation

Chevron Richmond Refinery Tech Center

Richmond, CA, USA

### ABSTRACT

Spiral wound gaskets are used worldwide in piping and equipment flanges and can be manufactured in several combinations of materials, and in a wide range of dimensions, winding densities and shapes. This paper shows the sealability influence of winding densities, which are not specified by the current Spiral Wound B16.20 gasket standards, including flexible graphite filler thickness, height and number of windings. The effect of the flange rotation is also shown.

O trabalho completo está disponível no site oficial do ASME. [Acesse](#)

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