

# PVP 2010

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**SPIRAL WOUND VERSUS FLEXIBLE GRAPHITE FACED SERRATED METAL PIPE  
FLANGE GASKETS IN THERMAL CYCLING AND PRESSURE COMPARATIVE TESTING**

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#### ABSTRACT

Spiral Wound gaskets have been successfully used in ASME B16.5 pipe flanges. However, in the last few years, to increase the reliability and safety, there has been a trend to replace them by graphite faced serrated metal gaskets. These are assumed to be better in terms of relaxation and installation. This paper shows a comparison between these two gasket styles. Relaxation and leak tests were performed using standard studs and flanges to simulate actual field conditions.

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

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