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EVALUATION OF STUFFING BOX FORCES ASSOCIATED WITH THE THERMAL
EXPANSION OF e-PTFE AND GRAPHITE PACKING SETS

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ABSTRACT

This paper evaluates the stuffing box forces associated with mechanical packing sets comprised of a combination of e-PTFE and Graphite materials. Utilizing a simulated stuffing box test device and protocol, radial and axial forces associated with thermal stresses are measured for different packing configurations. The testing varies the quantity and location of both e-PTFE and Graphite packing material within a five ring packing set. Test results are reported with comparative data and correlations among the configurations.

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

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