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DETERMINATION OF CRITICAL TEMPERATURE OF COMPRESSED NON-ASBESTOS  
FIBER SHEET GASKETS

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### ABSTRACT

Temperature and pressure limits of compressed non-asbestos gaskets have always been of interest to end users, as well as the gasket industry. Since flanges up to class 300 cover the majority of industrial applications of compressed fiber gaskets, a proposed procedure has been developed to clearly document the effect that temperature has on leak rate of the gasket at the maximum internal flange pressure. Different types of non-asbestos compressed gaskets were tested and results showed that for each material, there is a critical temperature after which leakage increases significantly.

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