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METALBEST

WRI



Description

Designed for elevated vacuum pressures and temperatures, this gasket is made as the WR style for which an internal metal ring has been added. This ring fills the space between the flanges, avoiding turbulence in the flow of the fluid or as a protection against corrosion or erosion. It is also used as a compression limit when the seating stress is greater than 30 000 psi (210 Mpa). Also, gaskets with PTFE filler have a tendency to buckle inward thus the use of an inner ring is recommended.

Applications

The WR type gaskets are suitable for applications that have pressure and temperature variations. They are also used to seal in processes where fluid pressures vary.

Specifications

Technical Data

Filler material Mica/Graphite (Pink) Maximum temperature	232°C (450°F)
Filler material Graphite flexible (Grey) Maximum temperature	450°C (840°F)
Filler material PTFE (White) Maximum temperature	260°C (500°F)

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.