

Garlock Flexseal® THERMa-PUR™ filled Spiral Wound

Garlock's family of high-temperature metallic gaskets

The THERMa-PUR product has expanded. The high temperature spiral wound gasket has joined the THERMa-PUR family. The THERMa-PUR spiral wound gasket is designed for use in extreme temperature and aggressive chemical applications. It is manufactured using an environmentally friendly solvent-free process and combines a unique formulation with Garlock's traditional quality. THERMa-PUR Spiral Wounds are yet another innovative family of Garlock products born from customer driven innovation.



VALUES AND BENEFITS

- » Extreme Temperature
 - Able to withstand high temperature weather continuously or extreme thermal cycling in excess of 1832°F (1,000°C)
- » Oxidation Resistance
 - Contains proprietary materials that provide improved weight loss characteristics over other high-temperature solutions
- » Chemical Resistance
 - Proprietary formulation is resistant to a broad range of chemicals: Titanium Tetrachloride, molton salts and other heavy oxidizers
- » Hydrophobic
 - Resists water contamination and degradation in service conditions
- » Easy Release from Flanges
 - Does not stick to flanges making removal of gaskets easy and faster without the need to chisel or scrape flanges

CONFIGURATIONS

- » Available in
 - Standard Flexseal Spiral Wound Configurations: RW/RWI/SW/SWI
 - Standard Flexseal Spiral Wound Configurations with facing material on the winding faces

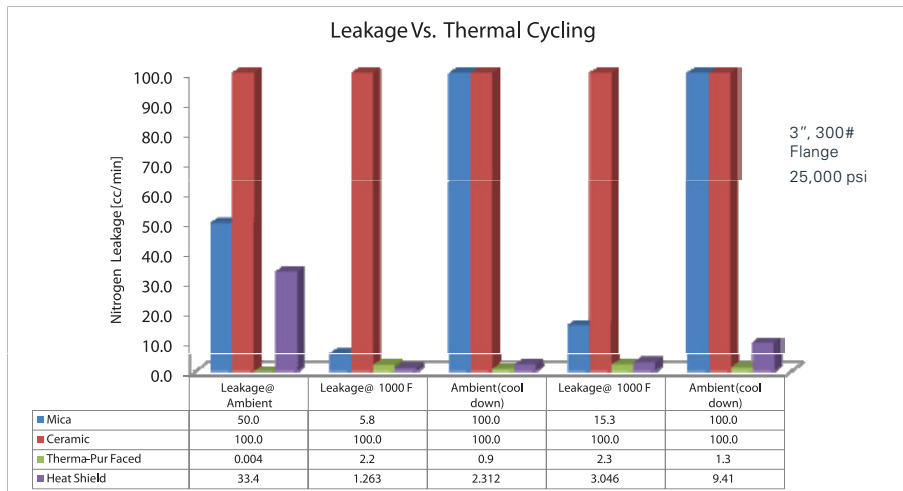
IDEAL FOR

- » Chemical Processing
- » Marine and land-based exhaust systems
- » Food and Beverage
- » Hydrocarbon Processing (Oil & Gas)
- » Nuclear Power Generation
- » Original Equipment Manufacturer
- » Power Generation (Fossil, Solar)
- » Primary Metals
- » Pulp and Paper
- » Mining
- » Pharmaceutical
- » Biomass gasification processes
- » Co-generation systems

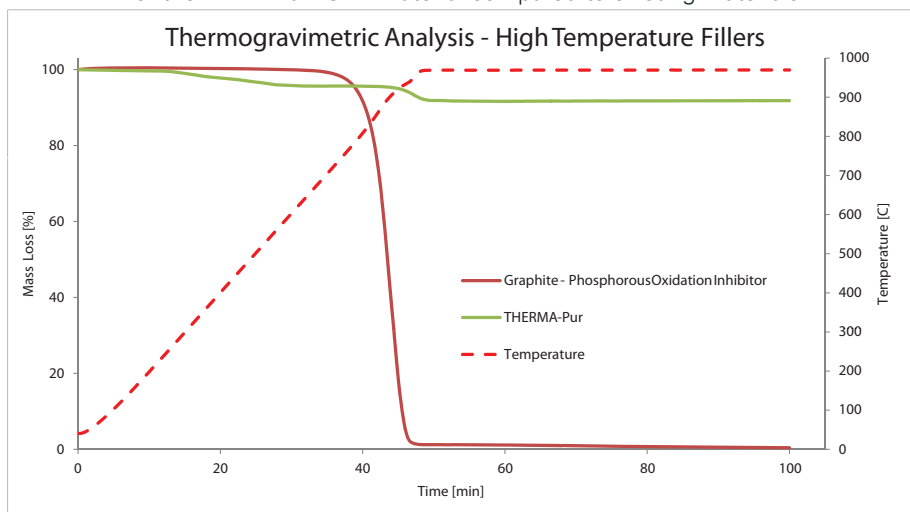
SPECIFICATIONS

Chemical Compatibility	Please consult Applications Engineering
Temperature	Continuous Max. +1,832°F (+1,000°C)
Gasket Factor 'M'	3.0
Gasket Factor 'Y'	10,000

Functional performance of the THERMa-PUR™ spiral wound demonstrates its superior high temperature sealing capability



Laboratory testing demonstrates the long term, high temperature stability of the THERMa-PUR™ material compared to existing materials



Effective sealing is achieved at gasket stresses at or below comparable products

