



Manufacturer of Carbon Fiber Reinforced Graphite Foil

SEALING TECHNOLOGISTS TO THE CHEMICAL PROCESSING INDUSTRIES

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Slade 3300i Low Emissions Valve Packing Tested and Passed API 622, 2nd Edition

Slade is a forerunner in fluid sealing technology, providing the industry with patented expanded graphite packing, field tested and proven for many years. Due to ever increasing regulations to fugitive emissions throughout the world, a recognized standard has been set for the entire packing industry.

API 622 2nd Edition Testing at a Glance

Emissions – Five day test consisting of 150 ambient cycles, 150 thermal cycles (500°F) per day, total of 1500 cycles at 600psig. Methane used as the test gas.

Corrosion - 35 day test, packing samples soaked in de-mineralized water for 24 hours, installed in a compression fixture under 4350 psi, water temperature 300°F, ±30°F, water pressure maintained at 650psig. Report on degree of stem pitting.

Materials – Sample weights compared prior to test and after 300°F, 500°F, 1,000°F. Record of density. Testing for total lubricant and TFE content.

Slade 3300i Performance

Slade 3300i has been tested to the API 622 standard by Yarmouth Research and Technology, with an average leakage of 10ppm and a **final reading after 1500 cycles, of only 4ppm**. For the corrosion portion of the test, **Slade 3300i showed 0% stem pitting or corrosion**.

Slade 3300i Low Emissions Valve Packing provides a high temperature, **fire safe, sealing solution** needed to **reduce VOC emissions** without causing damage to the valve stem or body.

Slade 3300i is constructed of Slade patented carbon reinforced expanded graphite yarns. Providing a truly unique valve packing that is manufactured in the USA.

Our Commitment to Progress

Slade 3300i was developed and tested through our in-house testing facility. Our research continues to improve the sealing products that today's ever changing world demands. It is our goal to always provide the quality, and customer care that Slade customers have come to appreciate.

For further information on Slade 3300i or any other Slade products, please feel free to contact us:

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