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Non Asbestos

# Style 396C with patented 333 core

## Construction

A patented core of Style 333, an internally–sprung high temperature, high pressure Inconel reinforced graphite packing, over braided with carbon filament inserted exfoliated graphite foil, Style 396-C is one of the most effectively designed product on the market today for the sealing of fugitive fuel emissions.

Style 396-C and 396C/C meet or exceed the requirements of A.P.I. 589, 607 or 622 tests as well as the A.P.I. fire test for soft-seated quarter-turn valves. All sizes smaller than 6 mm are constructed with exactly the same materials in proportion, but re-orientated to optimise them for performance in very small sizes and designated 396C/C.

## Characteristics

Style 396C is unlike other exfoliated graphite products which offer various other yarn or wire placements to theoretically address extrusion, blow-out prevention, etc.

Style 396-C utilizes its patented Style 333 core, capable of 5800 PSI alone, to provide a highly sprung internal structure which enables 396-C to conform and re-conform through constant thermal cycling to various stem, bore and clearance conditions in various states of degradation.

Also an excellent packing in rotating applications such as Boiler Feed and Condensate pumps.

## Operating Conditions

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| Temperature: | To 3315 degree C Non oxidizing<br>650 degree C Steam<br>-200 to 454 degree C Oxidizing |
| Pressure: | To 5000 Psi (345 bar). Indicated maximum subject to operating conditions<br>Rotary 56 bar |
| Chemical Resistance: | 1 – 14 pH Except for strong oxidizers ( nitric, oleum, etc. ) |
| Surface velocity: | 22 metres second |

As with any product designed to operate in critical operations, this product and its installation must be clearly understood. In addition, the user should have full knowledge of the operating considerations of the equipment in which it is to be installed.

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