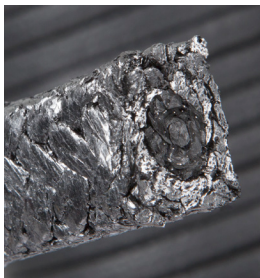


Style 396C*

SWEET SPOT & BEST USES: API 622 Fugitive Emissions Tested. Style 396 with a resilient core of Style 333 for Valve applications that need to deflect and withstand line surges. High Pressure applications.

Style 333 core, with helical braided Inconel wire, overbraided with carbon-inserted exfoliated graphite foil



Construction

A patented core of Style 333, an internally-sprung high temperature, high pressure graphite packing, over braided with carbon filament inserted exfoliated graphite foil. Style 396C is the most effectively designed product on the market today for the sealing of fugitive fuel emissions. Style 396C meets or exceeds all requirements of A.P.I. 589 and 607 tests as well as the A.P.I. fire test for soft-seated quarter-turn valves.

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

Reported Values of Performance

Max. Temp. in F°	Surface Velocity in FPM	pH Range	Pressure in PSI
850°	up to 4500	1 to 14	4500
Non-Oxidizing Temp. F°			
6000°			

***Patented Product**

PACKING STYLE	396C*
CHARACTERISTIC	
Cutting Ease	4
Cut Cleanliness	3
Extrusion Resistance	4
Abrasion Resistance	1
Pounding Resistance	2
Heat Dissipation	5
Shaft Scoring	5
Installation Ease	5
Deformation Resistance	2
Ability to Conform	4
Resistance to Acids	4
Resistance to Caustics	5
Dimensional Stability	3
Removal Ease	4

The chart above is provided as a guide in selecting the packing material that best meets your application needs. The listed ratings assume average conditions of rotating equipment, adequate flushes, and use of product within published parameters.

1 is Marginal and 5 is Excellent

BASE MATERIAL	
Aramid	
Carbon	X
Fluoropolymer	
Glass	
Graphite	X
Graphite - Exfoliated	X
Polyimide	
Synthetic	
APPLICATION	
Rotary & Reciprocating	X
Valve & Reciprocating	X
Soot Blowers	X