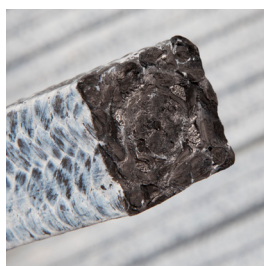


Style 821

SWEET SPOT & BEST USES: High Temperature chemical processes. Solvents, monomers and other non-Oxidizing chemicals

Directed towards higher temperature chemical applications which require essential chemical inertness



Construction

Multiple textiles pretwisted for desired function surrounding a pretwisted, prebraided core for density, 821 relies heavily on the attributes of very high purity carbon, polymer infused PTFE/carbon, and graphite exfoliant, with the matrix of manufacture very similar to that utilized with the versatile and durable SealRyt style 7413. All the very best characteristics of each textile combine to allow the whole product to perform where standard products cannot.

Characteristics

- Style 821 is directed towards higher temperature chemical applications which require essential chemical inertness, but also those which require far greater than normal sectional density still allowing the surface to conform.

Applications

Chemical mixers, blenders, and choppers including both dry and wet are the ultimate home for this durable product. Works dependably with acids, bases and solvents.

Reported Values of Performance

Max. Temp. in F°	Surface Velocity in FPM	pH Range
550°	up to 1200	1 to 14
Non-Oxidizing Temp. F°		
550°		

PACKING STYLE

821

CHARACTERISTIC

Cutting Ease	1
Cut Cleanliness	5
Extrusion Resistance	4
Abrasion Resistance	3
Pounding Resistance	4
Heat Dissipation	4
Shaft Scoring	5
Installation Ease	4
Deformation Resistance	4
Ability to Conform	1
Resistance to Acids	5
Resistance to Caustics	5
Dimensional Stability	3
Removal Ease	5

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	X
Glass	
Graphite	
Graphite - Exfoliated	
Polyimide	
Synthetic	

APPLICATION

Rotary & Reciprocating	X
Valve & Reciprocating	X
Soot Blowers	