Style 50/52*

SWEET SPOT & BEST USES: Acid Slurries, Downwell pumping and other mining applications.

50% PTFE impregnated Polyimide fiber / 50% "C" filament fiberglass

Construction

A combination of 50% PTFE impregnated, high strength synthetic Polyimide yarn and 50% "C" filament fiberglass. These are twisted together to form individual strands, creating a continuous interaction between the two fibrous elements. The strands are then cross-lock braided. The finished braid is fully penetrated with PTFE.

Characteristics

- The intimate "all-points" combination of the yarns permits the fiberglass to conduct heat away from the shaft and the synthetic fiber throughout the packing mass, thereby aiding dimensional stability and constant sealing effectiveness.
- The "C" filament fiberglass and substantial PTFE permeation increase chemical resistance.
- The superior density reduces migration of particles under pressure.

Applications

Excellent as a superior general service pump packing. Ideal for all applications where non-staining is important. Very "easy" on shafts.

PACKING STYLE	50/52*
CHARACTERISTIC	
Cutting Ease	4
Cut Cleanliness	5
Extrusion Resistance	4
Abrasion Resistance	3
Pounding Resistance	3
Heat Dissipation	3
Shaft Scoring	4
Installation Ease	3
Deformation Resistance	4
Ability to Conform	2
Resistance to Acids	4
Resistance to Caustics	2
Dimensional Stability	4
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	
Fluoropolymer	
Glass	X
Graphite	
Graphite - Exfoliated	
Polyimide	X
Synthetic	
APPLICATION	
Rotary & Reciprocating	X
Valve & Reciprocating	X
Soot Blowers	

Reported Values of Performance

Max. Temp. in F°	Surface Velocity in FPM	pH Range
500°	up to 2800	1 to12
Non-Oxidizing Temp. F°		
500°		

***Patented Product**