STYLE 2001

Graphite Yarn, Graphite Filled

CONSTRUCTION:

Style 2001 packing is a rugged premium grade, low friction, high strength, proprietary graphite fiber, twisted together and interlock braided. This style contains a special lubricant to provide a bearing film, and protect shafts from scoring. It also acts as a blocking agent to prevent wicking.

APPLICATION / SERVICE:

Style 2001 packing is ideally suited for use in severe service valves and rotary shaft applications. It handles strong acids and alkali solutions except fuming nitric acid, oleum and fluorine. It can be used to seal steam, water, oil, solvents, alkalis, and acids. It is often used as end rings for packing sets utilizing softer packings that might tend to extrude. This style also handles high temperatures, extremely high shaft speeds (see Service Limits below), most strong chemicals, and reduces shaft wear.

SERVICE LIMITS:

Temperature Limits		Pressure Limits	
Minimum	-400°F (-240°C)	Static	4350 psi (300 bar)
Maximum	842°F (450°C)	Reciprocating	1450 psi (100 bar)
Steam	1202°F (650°C)	Rotating	435 psi (30 bar)
Shaft Speed	3937 fpm (20m/s)	pH	0-14*

*except strong oxidizers

APPROXIMATE STANDARD PACKAGE (±10%):

Size	Ft/Lb	116	65	42.5	24	16.6	12.5	10	8.6	6.7	4.5	3.4	2.7
	Inch	1/ 8	3/16	1/ 4	5/16	3/ 8	7/16	1/ 2	9/16	5/8	3/ 4	7/ 8	1
Standard Package (±10%)		1 Lb (0.5 Kg)		2 Lbs (1 Kg)		5 Lbs (2 Kg)				10 Lbs (5 Kg)			