



Style 160 Braided Packing Graphite Yarn, Graphite Filled

CONSTRUCTION

Style 160 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 160 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		
Type	Description	Value
Temperature Limits:	Minimum	-400°F (-240°C)
	Maximum	840°F (450°C)
	Steam	1200°F (650°C)
Pressure Limits:	Rotating	435 psi (30 bar)
	Reciprocating	1450 psi (100 bar)
	Static	4350 psi (300 bar)
Shaft Speed:		4000 fpm (20 m/s)
pH:		0-14 (except strong oxidizers)