



## 2000 Braided Packing/Flexible Graphite Tape

### CONSTRUCTION

**Style 2000** packing is manufactured from high purity flexible graphite that is expanded and formed into a braidable yarn and then braided without binders or wire reinforcement. The finished product retains all the inherent benefits of flexible graphite: heat resistance, chemical inertness, low friction, self lubrication, and ready conformability.

### APPLICATION / SERVICE

The outstanding properties of this style make it a truly multi-service packing capable of a wide variety of uses throughout a plant. This style may be used in valves, pumps, expansion joints, mixers and agitators in the hostile environments of hydrocarbon processing, pulp and paper, power generation, metal-working and other industries where effective sealing is vital.

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	4351 psi (300 bar)
Shaft Speed:		5904 fpm (30 m/s)
pH:		0-14 (except strong oxidizers)

APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	112	1/2"	6.5
3/16"	49	9/16"	5.1
1/4"	28	5/8"	3.3
5/16"	18	3/4"	3.2
3/8"	12	7/8"	2.5
7/16"	9	1"	2.1

Properties and application parameters shown throughout this datasheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice. This edition supersedes all previous issues.