



2000IC Braided Packing / Flexible Graphite, Wire Reinforced

CONSTRUCTION

Style 2000IC packing is manufactured from high purity flexible graphite that is expanded and formed into a weave-able yarn and then braided in a unique construction with wire reinforcement. The finished product retains all the inherent benefits of flexible graphite; while the wire reinforcement provides greater mechanical strength.

APPLICATION / SERVICE

Style 2000IC packing is particularly suited for use in high temperature, high pressure steam service. In addition, it can also handle most chemicals, acids and alkalis. This style is excellent for use in steam turbines, high temperature motor-actuated valves and for high pressure/high temperature valve applications in general.

SERVICE LIMITS			
Type	Description	Value	
Temperature	Minimum	-400°F (-240°C)	
	Maximum	840°F (450°C)	
	Steam	1200°F (650°C)	
Pressure	Static	5800 psi (400 bar)	
Shaft Speed		200 fpm (1 m/s)	
pH		0-14 (except strong oxidizers)	
APPROXIMATE YIELDS			
Size	Feet/Pound	Size	Feet/Pound
1/8"	99.1	1/2"	7
3/16"	44	9/16"	5.4
1/4"	29	5/8"	4.4
5/16"	19	3/4"	3
3/8"	12	7/8"	2.3
7/16"	9	1"	1.7

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.