



STYLE 2202

Braided Packing

Flexible Graphite with Carbon Corners

CONSTRUCTION

Style 2202 packing is diagonally braided from pure, expanded flexible graphite, reinforced at the corners and throughout with high-quality carbon fibers. The carbon fiber reinforcement in the corners and body of the packing make it three times more resistant to extrusion and also increase the pressure handling capabilities compared to non-reinforced flexible graphite packing.

APPLICATION / SERVICE

Style 2202 This extremely versatile packing can be used in many demanding applications, both dynamic and static. This style packing is particularly suited for high temperature and high pressure service in valves, pumps, expansion joints, mixers and agitators. It can handle most chemicals in the 0-14 pH range with the exception of strong oxidizers.

SERVICE LIMITS

Type	Description	Value
Temperature	Minimum	-400°F (-240°C)
	Maximum	
Pressure	• In air	842°F (450°C)
	• In steam	1200°F (650°C)
	Rotating	435 psi (30 bar)
	Reciprocating	2900 psi (200 bar)
Shaft Speed	Valve	4350 psi (300 bar)
		4000 fpm (20 m/s)
pH		0-14 (except strong oxidizers)

APPROXIMATE YIELDS

Size	Feet/Pound	Size	Feet/Pound
1/8"	160	1/2"	9.9
3/16"	71	9/16"	7.9
1/4"	40	5/8"	4.8
5/16"	26	3/4"	4.7
3/8"	18	7/8"	3.7
7/16"	13	1"	3.1

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.