

## STYLE 2202

# 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:

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:

Temperature Limits		Pressure Limits	
Minimum	-400°F (-240°C)	Static	4351 psi (300 bar)
Maximum	842°F (450°C)	Rotating	435 psi (30 bar)
Steam	1202 (650)	Reciprocating	2900 psi (200 bar)
Shaft Speed	3937 fpm (20m/s)	pH	0-14*

\*except strong oxidizers



### STANDARD PACKAGE:

Size	Ft/Lbs	94.5	39.8	25.2	18	13.7	9.9	7.6	9.8	5	3.9	2.6	2.1
	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)				

Properties and application parameters shown throughout this data sheet 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 cancels all previous issues.

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