



## Style 1100CR Braided Packing Flexible Graphite, Carbon Corners

### CONSTRUCTION

**Style 1100CR** 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 1100CR** is an extremely versatile packing and 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	
	<ul style="list-style-type: none"> <li>• In air 842°F (450°C)</li> <li>• In steam 1200°F (650°C)</li> </ul>	
Pressure	Rotating	435 psi (30 bar)
	Reciprocating	2900 psi (200 bar)
	Valve	4350 psi (300 bar)
Shaft Speed		4000 fpm (20 m/s)
pH		0-14 (except strong oxidizers)