

STYLE 1200-PBI*

Another unique concept for valve stem packing for use in high temperature and pressure services, such as steam, oils, solvents, chemicals, etc. Style 1200-PBI is designed for major industries like refineries, chemical, petrochemical, and power generation in particular. This product features Tungsten Disulfide - a solid film lubricant that is non-corrosive to stems and facilitates removal of the packing set. 1200-PBI offers numerous advantages such as excellent abrasion resistance, does not burn in air, remains dimensionally stable at high temperatures, does not melt, and excellent resistance to chemicals and solvents.

Style 1200-PBI also features an exclusive outer braided jacket of PBI over an extruded non-asbestos core, with Inconel** alloy wire (totally encapsulated within this "space-age" fiber). Encapsulating the wire virtually eliminates possible stem scoring. 1200-PBI is also available in precision made die-formed rings upon request.

TEMPERATURE	To +1200°F (+650°C) in steam To +850°F (+455°C) in atmosphere
PH RANGE	1 - 12 (Except strong oxidizers)
PRESSURE	To 2500 psi+ (172 Bar)
CONSTRUCTION	Braided PBI* Jacket Over Extruded Non-Asbestos Core, With Wire Reinforcement (Inconel**)

Certifiable to less than 200 ppm Leachable Chlorides
Functionally tested at 4200 psi at +1050°F with excellent sealing results.

Consult Garlock Compression Packing Engineering Department for critical and control valve recommendations.

*PBI - Polybenzimidazole - Trademark of Celanese Fibers Operations

**Inconel - Trademark of Inco Alloys International, Inc.