

Technical Specifications

Product Name

Klinger Style 4322 Blacklon Packing

Product Description / Composition

Klinger Style 4322 is a non-asbestos packing, braided using the Klinger-lock method from pure PTFE. A special technique has been used so that copious quantities of free graphite are incorporated giving the packing markedly better heat transfer properties when compared to other graphitized pure PTFE types. The incorporation of graphite greatly reduces frictional heat, and the temperature of the packing on the sliding surface rises very little above ambient.

Features and Benefits

- Klinger Style 4322 is an extremely supple and conformable packing, making it good for use on worn shafts, and the reduced expansion of the packing within the temperature limits gives more consistent performance.

Applications

A very good packing for both static and dynamic applications, and may be used in centrifugal pumps, rotary and reciprocating shafts as well as in control valves, safety valves, relief valves, mixers and agitators. This packing provides extremely high pressure resistance.

Note: Although Style 4322 can be used in an extremely wide range of chemicals, it is not suitable for strong oxidising agents in the pH range 0 – 2.

Physical Properties	
Temperature Range	-220°C to 300°C
pH Range	0 - 14
Max Pressure	300 Bar
Max Surface Speed	25 meters / second



Size (mm)	5.0	6.5	8.0	9.5	11.0	12.5	14.0	16.0	19.0	22.0	25.0
Weight (M/kg)	19.26	13.48	10.31	7.12	5.51	3.89	3.30	2.65	1.53	1.31	1.01