



HITEMP FIBER HEMP

High Temperature Hemp Filler for Sealing Threads

Hitemp Fiber Hemp is fibrous material in thread form. It is an excellent material to fill the gaps of pipe threads that are coarse, re-opened many times etc. This material should be used in conjunction with Steam Seal Type B for sealing threads of various sizes and types. Hitemp Fiber Hemp contains fibers of very minute size; hence it is suitable for filling minute gaps.

Hitemp Fiber Hemp is resistant to most chemicals involved in the process of burning. This includes high temperature exhaust gasses, petroleum products, unburned fuel, water, steam and air.

Specification

Property	Value
Nomenclature	High Strength Fiber
Tensile Strength	3.5 to 3.6 GPa
Tow Size	12K
Filament Diameter	6 to 8 Microns
% Elongation at Break	1.2 to 1.5%
Specific Gravity	1.7 to 1.85
Service Temperature	-100 to +900 °C

Application

Clean the thread area using solvents, cotton waste and emery paper if necessary. Ensure that the area is free of contaminants like dust or previous sealing material and expose parent substrate surface. Wind the Hitemp Fiber Hemp on the thread to be sealed in a fashion so that natural movement of the female threads is with the thread direction. This will help to keep the thread in position during assembly. After winding, apply Steam Seal Type B using normal brush sufficiently to cover the whole area. Allow 5-10 min drying to evaporate solvent of Steam Seal Type B. Assemble the joint with specified torque.

Distributed By

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