Nexus Pump and Valve Packing

DATA SHEET

Nexus Style 2261 Packing

Description

Style 2261 packing is made of a tightly braided Expanded Graphite Core with an outer jacket of high purity Carbon yarn and two Aramid fibre corners. This product has the characteristic heat dissipation qualities, as well as the low friction, high chemical resistance and high compressibility properties of Expanded Graphite as well as the added pressure capability due to the high purity Carbon yarn jacket and the anti-extrusion properties of Aramid fibre.

Construction

Style 2261 has a braid over core construction. It is constructed of a tightly braided Expanded Graphite Core with an outer jacket of high purity Carbon yarn and two Aramid fibre corners. The Expanded Graphite fibre tape has been formed into a yarn, with a Carbon Fibre yarn as leader material.

Application

This premium product is ideally suited to serve as a bullring along with pure Expanded Graphite packing. The Aramid fibre corners prevent extrusion in worn equipment, while the Carbon and Graphite combination offers the stability that the industry has become accustomed to. Style 2261 is especially formulated to serve in the Pulp and Paper industry as well as all Slurry applications. The product forms a "plug" in the base of the stuffing box, allowing the Graphite sealing rings to perform at its peak.

Size and Weight

Style 2261 Packing										
mm	3	4	5	6	7	8	10	11	12	13
inch	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2	
m/kg	90	56	39	23	18	15	9	7.5	6	5.4
mm	14	15	16	18	19	20	22	24	25	
inch	9/16		5/8	11/16	3/4	13/16	7/8	15/16	1	
m/kg	4.6	4	3.6	2.8	2.5	2.2	1.9	1.6	1.4	

Specification

Item	Unit	Magnitude	
Dimensional Deviation	mm	Axial Radial	0.00 ~ +0.50 0.00 ~ -0.50
Working Temperature	°C	-200 ~ +300	
Pressure	bar	15 350	Rotary (Pumps) Stationary (Valves)
Surface Speed	m/sec	20	
pH	pH	2 - 12	
Base Yarn	Expanded Graphite and Carbon Yarn		
Additional Yarn		Aramid Fibre	
Lubrication		Graphite and PTFE	
Carbon Content in Graphite	%	>98	
Ash Content in Graphite	%	<1.5	
Volumetric Density	g/cm^3	1.0 ~ 1.3	
Compressibility	%	25 ~ 45	