



Nexus Pump and Valve Packing

DATA SHEET



Nexus Style 2201 Packing

Description

Style 2201 packing is a densely braided PAN carbon fibre product with graphite lubricants. The benefit of this product is that it has the ability to run at high speeds, while maintaining a good thermal conductivity to assist in removing the heat that is so detrimental to shaft wear.

Construction

Style 2201 is a tightly braided packing constructed of low modulus carbonised yarn which has been inter-braided into a dense, but flexible product. The high temperature graphitic lubricant is ideal for both start-up as well as blocking lubrication.

Application

This product is suited for both pump and valve applications. Carbonised yarn has a high tensile strength, making this product useful for many different applications. Very useful in applications where standard Expanded Graphite is prone to extrusion yet where the use of carbon/graphite is required such as Pulp and Paper and viscous applications. Boiler feed pumps, condensate pumps and hot water applications also call for this product.

Size and Weight

Style 2201 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	50	32	22	16	13	8	6.7	6	4.9
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	4.5	4	3.5	2.7	2.5	2.2	1.8	1.6	1.4	

Specification

<u>Item</u>	<u>Unit</u>	<u>Magnitude</u>
Dimensional Deviation	mm	Axial 0.00 ~ +0.50 Radial 0.00 ~ -0.50
Working Temperature	°C	-50 ~ +450
Pressure	bar	20 Rotary (Pumps) 250 Stationary (Valves)
Surface Speed	m/sec	15
pH	pH	1 - 13
Base Yarn		PAN Carbon Fibre
Lubricant		High Temp. Graphitic Lubricants