



Nexus Pump and Valve Packing

DATA SHEET



Nexus Style 2203 Packing

Description

Style 2203 packing is a densely braided PAN fibre product with PTFE lubricants. The benefit of this product is that it has the ability to run at higher speeds, while maintaining a good thermal conductivity to assist in removing the heat that is so detrimental to shaft wear.

Construction

Style 2203 is a tightly braided packing constructed of low modulus PAN fibre which has been inter-braided into a dense, but flexible product. The PTFE lubricant is ideal for both start-up as well as blocking lubrication.

Application

This product is suited for both pump and valve applications. PAN fibre has a high tensile strength, making this product useful for many different applications. This product is very useful in applications where Expanded Graphite or Graphite Encapsulated PTFE products are prone to extrusion yet where the use of a thermally stable product is required. It is ideal for applications 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 2203 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	-40 ~ +280
Pressure	bar	20 Rotary (Pumps) 250 Stationary (Valves)
Surface Speed	m/sec	14
pH	pH	1 - 13
Base Yarn		PAN Fibre
Lubricant		PTFE Lubricants