



Nexus Pump and Valve Packing

DATA SHEET

Nexus Style 2336 Packing



Description

Style 2336 packing is a Graphite enhanced Expanded PTFE braided packing with a glass yarn internal reinforcing. This resilient product has the ability to withstand extreme chemical attack, while offering higher tensile strength for slurry applications. The high surface speed capability of this product, together with resistance to hardening, has proven that it can withstand the harsh conditions of slurry pumping as well as less severe applications.

Construction

Style 2336 is a braided packing constructed of a superior grade Expanded Graphite filled PTFE yarns that have a glass fibre internal reinforcement. These yarns have been inter-braided into a loose flexible product that is extremely gentle on shafts. PTFE tape and Graphite have been locked together in such a manner that the maximum benefits are gained from both these wonderful materials. There are no added lubricants that can migrate out of this product; the lubrication is included in the yarn. The construction of the yarn is such that there are entrapped air pockets in the braided packing that allows the packing to be more responsive to shaft movement than traditional designs.

Application

Style 2336 is ideally suited for pump applications due to its material characteristics. The ability to remove heat from the surface contact area, while remaining flexible, makes this an excellent slurry packing. PTFE has become the industry standard for harsh Acidic or Alkaline applications due to the ability to withstand the attack. When Graphite is included in the material the advantages are even greater, however PTFE has a very poor tensile strength, hence the inclusion of Glass Yarn to strengthen the product and increase the usefulness in slurry.

Size and Weight

Style 2336 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	70	32	27	17	13.6	10.5	7	5.51	4.5	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	3.3	3	2.6	2	1.8	1.6	1.38	1.16	1.03	

Specification

<u>Item</u>	<u>Unit</u>	<u>Magnitude</u>	
Dimensional Deviation	mm	Axial Radial	0.00 ~ +0.50 0.00 ~ -0.50
Working Temperature	°C	-200 ~ +280	
Pressure	bar	20 200	Rotary (Pumps) Stationary (Valves)
Surface Speed	m/sec	20	
pH	pH	0 - 14	
Base Yarn	Expanded Graphite filled PTFE with Glass		
Lubrication		Zero External	