



## Nexus Pump and Valve Packing

### DATA SHEET



## Nexus Style 9361 Packing

### Description

Style 9361 packing is a Graphite enhanced Expanded PTFE braided packing with an Aramid fibre reinforcement in the four corners. Style 9361 has been formulated to improve the abrasion resistance of standard graphite encapsulated PTFE packing. This product is a dense and resilient product with the ability to withstand extrusion and abrasive wear while able to run at high speed due to the combination of graphite encapsulated PTFE and Aramid fibre.

### Construction

Style 9361 is a braided packing constructed of a combination of Graphite filled Expanded PTFE and Imported High Grade Aramid yarn which have been inter-braided into a dense, but flexible product. PTFE tape and Graphite have been locked together in such a manner that the maximum benefits are gained from both these wonderful materials. The packing is strengthened by including Aramid yarn in the corners and then completed by adding PTFE suspensoid through our PROIM process to further aid as a run-in lubricant as well as a blocking lubricant.

### Application

Style 9361 is ideally suited for pump applications due to its material characteristics. The ability of the base material (Graphite filled Expanded PTFE ) to remove heat from the surface contact area, while remaining flexible, makes this one of Industry's most widely used gland packing materials. Use in valves has also proven most successful due to the dense construction of the yarn, allowing no penetration by the sealed medium. This product is used throughout all the different industries in almost every application imaginable, limited only by severe temperature and very strong oxidizers such as fuming Nitric Acid, Fluorine, Aqua Regia and Oleum.

### Size and Weight

Style 9361 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>	
		Axial	0.00 ~ +0.50
Dimensional Deviation	mm	Radial	0.00 ~ -0.50
Working Temperature	°C	-100 ~ +280	
Pressure	bar	40 200	Rotary (Pumps) Stationary (Valves)
Surface Speed	m/sec	20	
pH	pH	2 - 14	
Base Yarn	Graphite filled PTFE and Aramid		
Lubrication		PTFE	