



(South Africa) Industrial, Mining
& Automotive Supplies (Pty) Ltd.



DATA SHEET DPH Style D5426 Packing

Description

D5426 packing is Graphite enhanced Expanded PTFE braided packing with high grade Kynol fibre reinforcement in the four corners. Style D5426 has been formulated to improve the abrasion resistance of standard graphite encapsulated PTFE (D542) 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 Kynol fibre.

Construction

D5426 is a braided packing constructed of a combination of Graphite filled Expanded PTFE and Kynol 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. There are no added lubricants that can migrate out of this product; the lubrication is included in the yarn.

Application

D5426 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

D5426 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	0.00 ~ +0.50
		Radial	0.00 ~ -0.50
Working Temperature	°C	-40 ~ +260	
Pressure	bar	25	Rotary (Pumps)
		200	Stationary (Valves)
Surface Speed	m/sec	12	
pH	pH	2 - 12	
Base Yarn	Graphite filled PTFE and Kynol		
Lubrication	PTFE		