



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



DATA SHEET

DPH Style D510 Packing

Description

D510 packing is a non-Asbestos packing that has been formulated especially for the replacement of Asbestos in harsh environments. D510 packing is a multi-purpose packing that is most commonly used in pumps. This flexible, yet extremely tough packing works well in the harshest of applications. The product has the ability to remain soft and pliable despite very rigorous environments.

Construction

D510 is a braided packing constructed of Aramid Fibre that has been braided with a liberal amount of PTFE lubricant that serves as both a blocking agent as well as a running in lubricant. Aramid fibre has the tendency to damage pump shafts, thus the need for liberal PTFE lubrication.

Application

This product is ideally suited for both reciprocating and rotary pump applications; however, it performs well in general purpose valves as well. This product is used as a general purpose packing in water, slurry, mild acids and mild alkalis. The tough nature of the Aramid Fibre allows this packing to be used in difficult applications.

Size and Weight

D510 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/k g	60	37	24	15	12	9.3	6	4.86	3.8	3.48
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/k g	2.95	2.6	2.3	1.8	1.61	1.42	1.2	1.03	0.92	

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 ~ +260	
Pressure	bar	50	Rotary (Pumps)
		250	Stationary (Valves)
Surface Speed	m/sec	12	
pH	pH	2 - 12	
Base Yarn		Aramid Fibre	
Lubrication		PTFE	