



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



## DATA SHEET DPH Style D533 Packing

### Description

D533 packing is a non-Asbestos packing that has been formulated to replace the old Asbestos Yarn with Graphite packing in the mining and related industry. This is a resilient product that is very economical for use in the environment where Asbestos was commonly used. The resistance to abrasive wear without the negative impact on shaft sleeves makes this product a good general purpose and slurry packing solution.

### Construction

D533 is a braided packing constructed of Non-Asbestos Yarn that has been braided with a special Graphite lubricant mixture. The lubricant permeates the packing completely ensuring lubrication through the life of the product.

### Application

This product is ideally suited for pump applications, but has been used successfully in valves too. It has proven especially useful for use in the water and slurry industries, where an economical solution is required due to the nature of the environment. This product was never intended to work in chemically difficult applications or in high temperature applications; it is thus advisable to use this product only for the general purpose applications on site.

### Size and Weight

D533 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	40	25	19	15	10	7.87	6	5.6
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	4.7	4.23	3.75	2.94	2.62	2.3	1.95	1.65	1.5	

### 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 ~ +90	
Pressure	bar	15	Rotary (Pumps)
		100	Stationary (Valves)
Surface Speed	m/sec	10	
pH	pH	5 - 9	
Base Yarn		Non-Asbestos Yarn	
Lubrication		Graphite	