



(South Africa) Industrial, Mining  
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## DATA SHEET DPH Style D522 Packing

### Description

D522 packing is an Expanded PTFE braided packing. This dense and resilient product has the ability to withstand extreme chemical attack. The high tensile strength of this product, together with resistance to hardening, has proven that it will consistently outlast the valve it was installed in, when used in block valves. Furthermore, the materials used in this product comply with the FDA requirements set out for minimal food contact as well as incidental food contact.

### Construction

D522 is a braided packing constructed of Expanded PTFE yarns which have been inter-braided into a dense, but flexible product. There are no lubricants that can migrate out of this product.

### Application

D522 is ideally suited for both pump and valve applications. PTFE has become the industry standard for harsh Acidic or Alkaline applications due to the ability to withstand the attack. Style D522 has the advantage that it is non-contaminating and as such can also be used in applications where there is sensitivity to product contamination. This product is typically used in Medical, Petrochemical, Oxygen and Food production.

### Size and Weight

D522 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	75	44	28.1	19.5	15	11	6.5	5.6	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	3.5	3	2.5	2	1.8	1.6	1.4	1.3	1.2	

### 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	-200 ~ +280	
Pressure	bar	15	Rotary (Pumps)
		150	Stationary (Valves)
Surface Speed	m/sec	8	
pH	pH	0 - 14	
Base Yarn		Expanded PTFE Yarn	
Lubrication		Zero	